



Snehideep Singh

Experienced FullStack Engineer

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Summary

Senior Full Stack Engineer with proven expertise in end-to-end web application development and technical leadership. Specialized in modern JavaScript ecosystem and relational database architectures for complex enterprise solutions. Track record of successfully leading client projects from conceptualization to deployment

Strong experience in:

- Architecting and implementing scalable technical solutions
- Managing cross-functional teams and stakeholder expectations
- Optimizing development workflows and establishing best practices
- Mentoring junior developers and fostering team growth
- Bridging technical and business requirements effectively

Experience

Crownstack Technologies **Feb 2024 - Present**
 Sr. Software Engineer Noida
<https://www.crownstack.com/>

Spearhead full-stack development using the MERN stack, collaborating with cross-functional teams to design and implement scalable web applications. Focus on optimizing performance, ensuring code quality, and mentoring junior developers in best practices for modern web development.

Kiwitech LLC **April 2022 - Jan 2024**
 Software Engineer: Web Noida
<https://www.kiwitech.com/>

- Led frontend development efforts on key projects, collaborating closely with cross-functional teams.
- Ensured alignment of frontend solutions with client goals and expectations.
- Leveraged strong communication skills to facilitate seamless coordination throughout project lifecycles.
- Contributed to Kiwitech LLC's reputation for excellence in serving the dynamic needs of US startups.

Cognizant **Jan 2021 - Mar 2022**
 Program Analyst Bangalore
<https://www.cognizant.com/in/en>

Immersed myself in the world of web development, gaining hands-on experience and foundational skills in frontend and backend technologies.

- Actively contributed to various projects during my tenure as a Program Analyst at Cognizant.
- Worked with platforms like Shopify and Salesforce, broadening my skill set and expertise in web development.
- Developed a solid understanding of frontend and backend technologies through practical application and project involvement.

GTB Infotech **Sept 2020 - Dec 2020**
 Intern Jalandhar
<https://www.gtbinfotech.com/>

- Interned as a budding Web Developer at GTB Infotech, gaining practical experience in Java, Python, HTML, CSS, and JavaScript.
- Contributed to the development of web applications using a stack that included Java for backend logic and Python for scripting tasks.
- Implemented frontend features using HTML, CSS, and JavaScript, ensuring user-friendly interfaces and optimal user experience.
- Participated in the full software development lifecycle, from requirements gathering to deployment and maintenance, gaining valuable insights into software development best practices and industry standards.

Education

SRM University **July 2017 - June 2021**
 Computer Science and Engineering B.Tech.

Projects

QuickLearn **Ongoing**
<https://learn.quicklabs.in/>

- Developed an enterprise learning management system focused on employee roadmap tracking and progress management
- Implemented a dynamic roadmap visualization system to display learning paths and progress
- Created an analytics dashboard providing insights into learning patterns and completion rates
- Built a custom assessment engine to evaluate and track user progress through different learning modules
- Developed an API integration system allowing seamless connection with various learning content providers Technologies:

TypeScript, Redux Toolkit, Node.js, NextJS, NestJS, Postgres

Atomic Forms **Ongoing**
<https://app.stg.atomicforms.io/>

- Architected a mission-critical web application bridging US Veterans with VA office for accurate claim form submission
- Implemented complex multi-step form validation with TypeScript to ensure 100% accuracy in veteran claim submissions
- Developed an intelligent form-filling system with contextual help and auto-save functionality to prevent data loss
- Created a document management system for handling sensitive veteran information with proper encryption
- Built an admin dashboard for claim status tracking and automated notification system for updates
- Integrated with VA office using web fax service Documo ensuring secure and compliant data transmission

React, FastAPI, TypeScript, Form Validation, PDF Generation, Encryption

QuickTest **2024**
<https://teams.quicklabs.in/>

- Engineered a bug tracking and project management system similar to Jira, focusing on streamlined bug logging and resolution workflows
- Implemented real-time collaboration features using WebSocket for instant bug updates and team notifications
- Developed a custom dashboard using React and TypeScript with advanced filtering and search capabilities -
- Built an automated bug assignment system with configurable routing rules based on severity and team availability
- Integrated with Git repositories for automatic issue creation from commit messages and branch linking - Achieved 40% reduction in bug resolution time through streamlined workflow and improved visibility

React, TypeScript, WebSocket, Redux Toolkit, Material UI, REST APIs

DSider **2023 - 2024**
<https://www.dsider.app/>

- Developed an AI-powered power simulation application, DSider, aimed at predicting the success of diverse power plants and EV charging modules across variable configurations in the plant integration process.
- Seamlessly integrated third-party APIs including Google Maps API and Highcharts, enhancing the application's functionality.
- Implemented user-analytics modules to provide actionable insights, contributing to informed decision-making for clients in the energy sector.

HighCharts, Google Cloud Platform, Role Based Analytics, RTX Query

DinDin **2023**
<https://www.eatdindin.com/>

- Orchestrated the frontend development of Din Din, an online food ordering application, leveraging React and React Native to create responsive interfaces for both mobile and web platforms.
- Integrated client-provided backend APIs with Redux Toolkit, ensuring efficient state management and data flow throughout the application.
- Employed best practices in user interface design and optimization, collaborating with the team to implement features such as real-time updates and seamless navigation.
- Contributed to the project's success by delivering a robust and scalable frontend solution that enhanced user experience and streamlined the food ordering process.

Redux Toolkit, React Native AsyncStorage, Fast Image, WebView

iAccess Analytics **2023**
<https://www.iaccess.life/>

- Spearheaded the development of iAccess Analytics, a tri-persona feedback, ratings, and suggestion management application for multiple business sectors and client data.
- Implemented an ultra-scalable code architecture using Next.js, ensuring optimal performance and flexibility to accommodate varying business requirements.
- Collaborated closely with stakeholders to gather requirements and implement features, delivering a comprehensive solution that met the project's fixed-cost constraints and exceeded client expectations.

ChartsJS, NextJS, Custom Feedback Forum Development

ReEntry, USA **2022**
<https://reentrycenters.org/>

- Spearheaded the architectural vision and implemented UI solutions for ReEntry, USA, a pivotal project affiliated with the US government aimed at effectively managing various aspects of parole for individuals transitioning from incarceration back into society.
- Directed the development of a comprehensive system for managing drug tests, accommodation arrangements, documentation, and other critical aspects of prisoner reentry into the community.
- Utilized a diverse array of tools and technologies including SonarLint, and custom authentication mechanisms to develop a secure, scalable, and user-friendly frontend interface.
- Collaborated closely with stakeholders and the development team to ensure that the application met stringent regulatory standards and addressed the complex needs of parole management within the legal framework.

React 18, Redux toolkit, Google Maps Api, WebView, FastApi

Cars24 Refurb **2022**
<https://www.cars24.com/>

- Spearheaded the development of an industrial-grade, deployable tool for the inspection team at Cars24, a leading platform for buying and refurbishing used cars for resale.
- Leveraged Redux Toolkit with Axios for seamless data fetching from Cars24's backend, enabling the operations team to efficiently display, edit, and upload media within a Tailwind CSS-powered UI.
- Implemented a robust monitoring system for inspection stages, providing real-time insights and tracking capabilities to optimize the refurbishment process and maximize efficiency.
- Played a key role in delivering a cutting-edge SPA solution that met the rigorous standards of an industrial-grade tool, empowering the inspection team to streamline operations and enhance productivity.

Axios Interceptor, Tailwind, GraphQL, Cracko

Philips Healthcare **2021 - 2022**

- Contributed to the advancement of Philips' healthcare e-commerce platform, leveraging React and TypeScript to develop dynamic and responsive user interfaces tailored for healthcare professionals and patients.
- Integrated Shopify APIs seamlessly within the healthcare ecosystem, enabling secure transactions and efficient order management for medical supplies and equipment.
- Utilized Salesforce for comprehensive healthcare customer relationship management (CRM), implementing custom solutions and integrations to optimize patient engagement, care delivery, and health outcomes.
- Collaborated with interdisciplinary healthcare teams to ensure software solutions aligned with patient care objectives, delivering high-quality products that uphold Philips' commitment to excellence in healthcare innovation and patient-centered care.

Salesforce, CRM, Shopify

Skills

Programming Languages:
 JavaScript, TypeScript, Python, SQL

Frontend Development:
 React.js, Next.js, Redux Toolkit, React Query, React Native, HTML5, CSS3, Tailwind CSS, Material UI, Bootstrap, SASS/SCSS, Styled Components, WebSockets

Backend Development
 Node.js, Express.js, NestJS, PostgreSQL, MongoDB, Redis, REST APIs, GraphQL, Prisma ORM, TypeORM

Version Control:
 Git, GitHub, GitLab, Bitbucket

Development Tools:
 Visual Studio Code, IntelliJ IDEA, Command Line Interface (CLI), npm, Yarn, Webpack, Debugging Tools, Redux Devtools, Auth 0, Firebase,

Other Skills:
 Problem Solving, Object-Oriented Programming (OOP), Test-Driven Development (TDD), Agile Methodologies, Continuous Integration/Continuous Deployment (CI/CD), Documentation, Collaboration and Teamwork, Communication Skills

Languages

English
 Professional Proficiency

Hindi
 Native

Punjabi
 Native