

K. ATUL SHINCE

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[Github](#)

[My Portfolio](#)

EDUCATION

Sikkim Manipal Institute Of Technology (SMIT)

Aug 2021 – Aug 2025

- Bachelor's of Technology in Computer Science and Engineering
- Relevant Coursework: Database Management Systems, Computer Networks and Project Management

CGPA: 8.71

TECHNICAL SKILLS AND CERTIFICATIONS

- Aspiring **Full Stack Developer**.
- Front-End Web Technologies:** HTML, CSS, Javascript, ReactJS, NextJS, MaterialUI, Bootstrap, Sass, TailwindCSS, Recoil, Redux, Framer Motion, GSAP, Axios, Typescript
- Back-End Web Technologies:** NodeJS, ExpressJS, MongoDB, Mongoose, Postgres, Prisma, NestJS, TypeORM, pdf-lib, xlsx, Twilio, REST API, Docker, Google Firebase, Dialogflow, CORS, Jest, Socket.io, JWT, AWS Beanstalk, AWS S3 Bucket
- Data Analysis and Visualization tools:** MS Excel, MySQL, Python
- Blockchain:** Hyperledger Fabric, Smart Contracts (Javascript, Typescript, Solidity)
- Product Management tools:** Microsoft Office, Draw.io, Notion, Slack, Figma, Canva, Jira, Git, Github

WORK EXPERIENCE

Aptiway Technologies Pvt. Ltd, India

Front-End Developer Intern

May 2023 – Jul 2023

Tech: HTML, CSS, Javascript, ReactJS, MaterialUI, Bootstrap, Sass, TailwindCSS, Figma, Canva

- Led 20 projects, developing front-end solutions using ReactJS, Bootstrap, and TailwindCSS, ensuring cross-browser compatibility.
- Designed low- and high-fidelity wireframes in Figma, boosting mobile app user engagement by 20% through improved UX responsiveness.
- Demonstrated expertise in Git version control, confidently managing code with CLI commands (clone, branch, merge, push) and streamlining development workflows.

Centre for Development of Advanced Computing, India

Full Stack Developer Intern

May 2024 - Aug 2024

Tech: Microsoft Excel, NodeJS, ExpressJS, MongoDB, Mongoose, TypeORM, pdf-lib, xlsx, Jest, REST API, Docker

- Developed and deployed a Dynamic Certificate Generator using NodeJS and MongoDB, automating the certification process to save 80% on processing time and reducing administrative workload significantly.
- Built and deployed a secure blockchain solution using Hyperledger Fabric, with a custom JavaScript smart contract, ensuring secure certificate hash storage and reducing verification time by 75%.
- Achieved a tenfold reduction in certificate generation time by automating the process with NodeJS, delivering certificates within seconds and reduced the administrative overhead.

Retrac GmbH, Germany

Full Stack Developer Intern

Jul 2024 - Present

Tech: NextJS, MaterialUI, Recoil, Github, NestJS, TypeORM, Slack, Figma, Jira

- Transformed the UI of a critical dashboard tool using NextJS and MaterialUI, creating a standardized user experience and improving UI consistency by 25%.
- Developed and implemented custom components, including breadcrumbs, contracts, and sidebars, to improve functionality and navigation within the dashboard. Streamlined UI design and development processes by creating reusable, scalable components that align with the company's design standards.
- Contributed over 22 pull requests to the repository so far, and most of my commits and pull requests have been merged successfully.

PROJECTS

Todo Web Application

[Github](#)

Tech: Postgres, Prisma, NestJS, TypeORM, REST API, ReactJS, Bootstrap, Sass, TailwindCSS, draggable components, AWS EC2

- Spearheaded development of a responsive, interactive frontend using ReactJS, implementing advanced drag-and-drop functionality that improved task management efficiency by 30%.
- Architected a scalable backend using NestJS and PostgreSQL, ensuring robust data handling and system performance.
- Optimized database interactions with Prisma, implemented asynchronous data processing with rxJS, and ensured security with CORS and dotenv configurations.

WhatsApp Chatbot

[Github](#)

Tech: Figma, Canva, NodeJS, ExpressJS, Postgres, AWS Beanstalk, AWS S3 Bucket, Twilio, Dialogflow, CORS, JWT

- Boosted Content Management: Improved accessibility and management efficiency through a unified system
- Simplified Note Uploading: Cut educator upload times by streamlining content processes
- AI-Driven Chatbot Development: Increased student engagement with an intelligent chatbot for easy resource access.
- Improved NLP Interactions: Raised query response accuracy with Dialogflow NLP, boosting user satisfaction.
- Robust Cloud Integration: Secured 99% uptime and tripled storage capacity with AWS S3 and neon DB, ensuring scalability.

LEADERSHIP AND COMMUNICATION SKILLS

- Team Lead** of the Student Interest Groups and Industry Liasion Club. I help organize various technical events and industry talks. I excel at creating fun, interactive presentations that simplify complex concepts for diverse audiences. I guide junior students with technical projects and career advice, known for delivering engaging, easy-to-follow presentations.