

Meghana Varanasi

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Education

Indian Institute of Technology (IIT), Bhilai Jul 2018 - Jun 2022
Bachelor of Technology (B.Tech) in Computer Science and Engineering (CSE) (GPA: 8.16) Bhilai, India
• **Relevant Coursework:** Data Structures and Algorithms, Computer Networks, Computer System Design, OS, DBMS

Experience

Software Developer Jun 2022 – Present
Needl AI Bengaluru, India

- Successfully launched the **company's 1st third-party payment system**, incorporating features like subscriptions and customer portal. Worked on the backend for payments including security enhancements using middlewares, streamlining transaction processes and enhancing customer experience.
- Achieved a **90% reduction** in user time for feed creation in the app by executing **end-to-end development of an AI feature** atop an existing POC. This involved implementing backend migrations, adding middlewares, APIs integration and the frontend development, including implementing designs, writing tests in Typescript.
- Reduced 20%** of the developer involvement in flag management by integrating **Feature Flagging & Experimentation Platform**, optimizing feature release processes and improving product iteration stability and flexibility.
- Developed the full stack changes for different data sources integration including migrations and tests.
- Implemented previews using advanced techniques in React JS hooks, context API, headless UI components, react router for developing **more than 8 variants** to cater to different types of data types and sources.

ReactJS Developer Intern Apr 2021 – Jun 2021
Needl AI Bengaluru, India

- Migrated 90%** of authentication and onboarding pages from a component library to our in-house design system. Developed custom components as needed to ensure alignment and consistency.
- Migrated and **implemented necessary tests** to enhance the **stability and reliability** of the application.
- Research and utilized **PDF.js** (Mozilla's PDF viewer) to enhance PDF viewing options and actions, optimizing user experience through tailored customization and interactive features.

Technical Skills

Programming Languages: TypeScript, Javascript, Python
Frontend Technologies: React.js, Material UI, emotion, styled-components, TailwindCSS, CSS, HTML, React Native, Expo, NextJS, Redux saga, React Query, React Router, Formik, React Testing Library, Vitest
Backend Technologies & Databases: Express.js, Node.js, Sequelize ORM, Jest, RESTful APIs, JWT, PostgreSQL, Firebase
Others: git, Github, Docker

Achievements

Microsoft Engage Mentee – [Try It!](#) [Source Code](#) Dec 2021
Microsoft Engage Program '21
• Project: Kozy Klassroom, a Learning Management System (Submission Portal + Forum) for Student and Instructor.

Winning team Mar 2021
Tie University Global Business Hackathon
• Our team earned joint **1st place** competing against **2300+** participants from across 7 countries.

Winning Team – [Project Details](#) Oct 2020
Technica 2020 Hackathon

Winning Team Mar 2019
Smart India Hackathon (SIH)

Positions of Responsibility

General Secretary of Cultural Affairs 2019-2020
Council of Student Affairs IIT Bhilai