Meghana Varanasi

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Experience

Software Developer   Jun 2022 – Present
Needl AI   *Bengaluru, India*

- **Launched the company's 1st third-party payment system**, with features like subscriptions and customer portal, streamlining transaction processes and ensured payments security with middlewares.
- **Enhanced feed creation in the app by 90%** through end-to-end development of an AI feature on an existing POC. Tasks included backend migrations, APIs (with middlewares) integration, and frontend development, including design implementation and testing in TypeScript.
- Integrated third-party **Feature Flagging & Experimentation Platform**, **reducing 20% of developer involvement** in flag management. Enabled seamless flag updates via third-party UI, enhancing feature release agility and product iteration stability.
- Implemented **more than 8 variants** of previews using advanced frontend concepts 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 to in-house design system, implemented and updated the custom components and tests as necessary.
- 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.

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

Technical Skills

Programming Languages: TypeScript, Javascript, Python
Frontend Technologies: React.js, TailwindCSS, CSS, HTML, Headless UI (Radix UI, Reach UI), Material UI, emotion, styled-components, 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*