Atul Vinod

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SKILLS

- **Languages**: Java, Python, SQL, JavaScript, Typescript, HTML5/CSS3, C#

- **Libraries and Frameworks**: .NET, Spring, Hibernate, React.js, Redux, Next.js, Node.js, Express.js, Flask, Docker, AWS, Angular, DrizzleORM, Knex, Prisma

EXPERIENCE

Freelance Software Engineer   Sep. 2023 – Present
Upwork — Freelance.com

- Built a custom attendance management system in 4 months for a local school to improve teacher/administrator productivity utilizing **Node.js**, **React.js** and **AWS** services and micro-service architecture, resulting in faster attendance capture times, improved timetable management and simplifying the access of parents to their children data.

Software Engineer   June 2022 – Sept. 2023
inFeedo   *Remote*

- Architected "Chat-Engine", by designing tables for existing and new features, migrated analytics, acknowledgements, keyword alerts and encryption to the new engine. Optimized cross-service communication by redesigning and refactoring APIs to reduce payload size.
- Implemented AI summary and acknowledgement, to get a summarized view of users' chat and to give assurance about the concerns raised via custom-generated email.
- Implemented interface for customizing follow-ups and acknowledgements, allowing users to update the followups & acknowledgements in various languages categorized according to sentiments
- Used **Javascript**, **Typescript**, **Express.js**, **React.js**, **Bootstrap.js**, **HTML/CSS**, **SASS**

Software Engineer & Internship— Full-Stack & Mobile Apps   Oct 2020 – Mar 2022
Keka Technologies   *Hyderabad, India*

- Contributed to the re-write of the Keka Mobile app to improve performance and to meet Null-safety standards, Implemented Expenses module, camera functionality such as profile picture and receipt capture, user profile with timeline, forced app updates, biometric app lock, WFH remote login and data caching.
- Implemented Inbox interface for a mobile web view, where the user can approve leaves, view profile changes and approve various requests, resulting in the optimized workflow of managers.
- Contributed to PF Aadhar Card validation panels in Payroll module, Skill management dashboard in Performance module.
- Utilized, **Flutter**, **Angular**, **Typescript**, **Bootstrap**, **Vue.js**, **SASS**, **HTML/CSS**

EDUCATION

Lovely Professional University   Punjab, India
B.Tech, Computer Science & Engineering (CGPA 7.33)   *Aug. 2017 – Aug. 2021*

PROJECTS

Thullo - Simple Kanban based Project Manager   [Github](#) | [Project Link](#)

- Developed a platform to track projects via Kanban board, Users can create projects, assign tasks to persons, add comments, custom banners, drag and drop cards etc. Used **PostgreSQL**, **Express.js**, **React**

BotMaker - a simple-to-use platform for building RAG based AI chatbots   [Github](#) | [Project Link](#)

- Developed a platform where people can create their chatbot using their data for training such as pdf, docs etc. or use existing chatbots.
- Built 3 Micro-services for uploading, embedding and chat for reliability and scalability.
- Used **Next.js**, **Flask**, **Fastify**, **LlamaIndex**, **Pinecone** for vector database, **PostgreSQL**,etc

CERTIFICATION

Upgrad Full Stack Engineer Certification   India
Acquired certification in Spring-boot, Hibernate JPA and React.js, Built Food Ordering API as project   *2019 – 2020*