Aman Desai

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LinkedIn - Github - StackOverflow

WORK EXPERIENCE

PROFILECITY   Remote, India
Founding Software Engineer   Sep 2024 - Present
- **Leading open-source development** of Vidur - Recruiting software. (open source)
- Building **Vidur-kit**, open source tool chain to build plugins on top of Vidur (open source)
- Building **AI powered profile agents** and Profilecity's Connect service (enterprise)
- Building **Atlas - centralized OAuth server**, open to be used by anyone. (closed source)

Tech: **Nuxt / Vue, NestJS, Nitro Server, Spring OAuth Resource Server, TailwindCSS, Unbuild**

ENFUSION   Bangalore, KA
Sr. Software Engineer   Jan 2022 – Sep 2024
- Working on Enfusion's core Portfolio Management System and **Reporting Engine**.
- Integrated **Keycloak as a global auth provider** to existing Spring projects and other web applications.
- Lead an initiative of **setting up benchmarking to reports** which helped **identify costly code changes** before they reached production. Service now serves **real-time benchmarks** and is integrated into product-support workflows.
- Migrated single instance **MySQL (12TB host, 198k writes/s, 3M reads/s) to master-slave cluster (auto-scaling read replicas)** to increase read performance and improve latency.
- Lead an initiative of **documenting internal workings** of how we create custom columns, decreasing onboarding time of new developers by 50%.
- Automated client onboarding process, which used to take **14 - 16 hrs to 4 - 5 min.**

Tech: **Java, NodeJs, Jenkins, Fitnesse, Spring Boot, Keycloak (OAuth), MySQL, Kubernetes, Nashorn JS Engine**

BATTLEBRAINS (Backed by Polygon)   Singapore (Remote)
Co-founder / CTO   Aug 2021 – Feb 2022
- Built a platform for people to test various protocols in the real world
- Lead development of the project - **team of 8 developers**.
- Received **220k$ of cash grants from Aave, Osmosis and Polygon!**
- **Forked ETH Mainnet**, enabling users to simulate transactions without disturbing the real world chain.

Tech: **Vue, Nuxt, NodeJs, NestJs, Hardhat, Ethereum Chain, Amazon EKS, Redis**

TECHNICAL SKILLS

Java, Nuxt, NestJs, Python, Flask, Node.js, React, AWS, Parallel Computing, Java Concurrency, DynamoDB, Tailwind, Docker, Web3, Hardhat, Ethereum Chain

PROJECTS

PROTOWALLET (link)
- GPT-powered, **open-source expense tracker**, for offline, personal financial management.
- Tech: **LokiJs, Monorepo, Lerna, React**

CERTIFICATIONS

- **Linux Web server High-Availability clustering** Built Master-Backup servers with centralized storage including leader election algorithm for fault tolerance. (certification)
- **AWS Fundamentals:** Building Serverless Applications Passed Assessments with a grade of 97.8%
- **Parallel Programming in Java** Passed Assessments with a grade of 88.00%

EDUCATION

K. J. Somaiya College Of Engineering, Vidyavihar   Mumbai, MH
B. Tech, Computer Science.
Relevant Coursework: **Compilers, Operating System, OOP, DBMS, Computer Networks**