Atharva Kamble

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EDUCATION

Northeastern University   Boston, US
Master of Science, Computer Software Engineering, 3.84/4.0   Sep. 2023 - May 2025

University of Mumbai   Mumbai, IN
Bachelor of Engineering, Electrical and Electronics Engineering, 3.6/4.0   Aug. 2018 - May 2022

TECHNICAL SKILLS

Languages: Python, Go, Java, SQL, Solidity, JavaScript, Typescript, HTML/CSS
Databases: MySQL, PostgreSQL, MongoDB
Tools & Frameworks**:**   ReactJS, NextJS, Redux, Docker, Ethereum, REST API, Linux, Vim, Vercel, AWS

WORK EXPERIENCE

Programmer Analyst Trainee   Aug. 2022 - May 2023
Cognizant Technology Solutions Ltd.   Mumbai, IN
- <u>Application Engineering</u>: Developed an effective vaccine distribution web app with Angular, Java Spring, MySQL, and AWS
- <u>Optimization</u>: Implemented pagination and optimized MySQL database queries, leading to a 44% reduction in latency

Software Engineer Intern   Apr. 2021 - Feb. 2022
RaftLabs Co.   Dublin, Ireland (Remote)
- <u>Instantor Rewards:</u> Engineered a highly scalable analytics tool for efficient coupon distribution for the Bank of Ireland achieving a customer retention rate of 37% over 7 weeks
- <u>Blogs:</u> Built an internal tool to batch blog posts and post them at appropriate times to maximize views, increasing average monthly views by 78%
- <u>Site:</u> Maintained and enhanced the main company site with Webflow. Optimized SEO with HubSpot analytics increasing organic traffic over 6 months by 120%
- <u>Brandfire Loyalty:</u> Implemented an end-to-end B2C business loyalty app for local vendors enabling them to optimize revenue with a benchmark of 47% profit per customer
- <u>HappyLiveSales:</u> Developed a Shopify selling tool where sellers can collect orders and dispatch products. The app was hugely successful and was featured on the Shopify app store for 2 weeks

ACADEMIC PROJECTS

Model0 | React, NextJS, AWS, Terraform
- Allows users to create, train, and fine-tune GPT or Generative Pre-trained Transformer, LLMs, and ML models along with an API
- Implemented a multi-tenant architecture for shared user resources enabling lower server costs

ImageVibe - NFT Marketplace | Ethereum, Solidity, React, IPFS
- Developed a decentralized NFT marketplace on the Ethereum blockchain that allows users to mint, store, and purchase NFTs
- Built using: React.js, Pinata IPFS gateway, Ether.js, Metamask wallet web3 wallet, Ethereum

Present - simply present | React, NextJS, AWS, Terraform   projects.athk.dev/present
- Built an animation-first approach presentation app on the web for ease of building presentations similar to Google Slides
- Optimized React codebase for minimal latency by implementing SOLID principles

Wireless USB audio enabler | Go
- Engineered a GoLang server allowing to listen to audio data and stream bits to wireless headphones USB dongle
- Implemented lower-level networking principles to troubleshoot and encode audio data as UDP packets

OpenCollab - Research Collaboration | Java Swing
- Designed, and modeled a data-driven platform for quick research workflow for industry experts and researchers
- Led a team of two engineers to implement features like version control, paper editing, live researcher collaboration, an automated testing module, and a troubleshooting feedback microservice