Akash Patel

akash9753@gmail.com | +919753290759 | linkedin/akash-p-862961bb/ | github/akash9753 | leetcode/akash9753/ |
https://akashpatelportfolio.netlify.app/

WORK EXPERIENCE

AGATI CLINICAL: CLINICAL DATA SERVICES | Software Engineer I   *Bengaluru | Sep 2022 - Present*

- Developed a block-level UI for visual representation using the Google Blockly library in clinical data Transbot project.
- Implemented UI functionality to run Python or SaaS programs and generate defined XML metadata files by setting visual blocks.
- Utilized React as the frontend framework and translated Figma designs into web pages.
- Frontend development involved the use of the Syncfusion library.
- Implemented data storage in the database through Excel file uploads.
- Created a metadata annotation cascade dropdown predictive text table with 7000 rows, optimizing load time to 1400ms.
- Backend API development for certain backend components using the ASP.NET framework.

HURIX DIGIATL | Software Programmer   *Pune | Jan 2022 - Aug 2022*

- Contributed to the development of the SME Tool project, designed for gathering details of experienced employees joining the organization.
- Implemented a live notification service within the SME Tool application using the React library.
- Angular Frontend Developer for the Bronzeverse project, a US client's book publishing subscription-based platform.
- Addressed long-pending issues related to API integration.
- Converted AdobeXD designs into a mobile-first responsive design using html saas css and bootstrap.

PERSONAL PROJECTS

FOOD DELIVERY WEB APP *(React, Nodejs, Typescipt, Mongodb, PostgreSQL, AWS, Docker, SonarQube, Microservices, Jest, Zustand)*

I spearheaded the development of a food delivery project, adhering to industry-best practices. To ensure code quality, I implemented SonarQube for comprehensive test coverage, accompanied by written test cases for each API. Emphasizing security, I instituted pre-merge security checks before code integration into the main branch. TypeScript was employed as the programming language for both frontend and backend development, fostering maintainability and readability. The project embraced a microservices architecture for efficient management of the product and user catalog. Seamless automation and build creation were achieved through Docker for CI/CD, while AWS served as the deployment platform, ensuring scalability and reliability in the infrastructure. The entire codebase is available on GitHub.

SKILLS

Languages: Javascript, Typescript, Java, C#

Web Development: React, Nodejs, Express, ASP Dot Net, Mongodb, PostgreSQL, HTML/CSS

Technology: Git, Github Action, Autometic CI CD, AWS, Docker, Sonarqube, Jest, Microservices, Jira, Zoho Sprint

EDUCATION

Post Graduate Diploma In Advance Computing PGDAC   *Mumbai | Jan 2021*

CDAC

BTech Mechanical   *Jabalpur | Jun 2018*

RGTU