ANMOL AGRAWAL

Full-stack Web Developer

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GitHub | Linkedin

EDUCATION

ZHCET, Aligarh Muslim University   Uttar Pradesh,India
Computer Science Bachelors   April 2020 - March 2024
GPA: 7.8

SHSS +2 Boys, Aligarh Muslim University   Aligarh
Intermediate Science Stream   April 2020 - March 2021
Percentage: 90.8%%

EXPERIENCE

Grabtern | Core Developer   Aligarh | Jan 2023 - Present
- **Technical Architecture Development**: Led frontend and backend architectural development using industry best practices. Frontend optimized with React folder hierarchy for efficient code organization and maintainability. Backend enhanced with robust Model-View-Controller (MVC) architecture for scalability. Introduced comprehensive test frameworks and workflows for high-quality and stable deliverables.
- **Team Leadership**: Successfully managed a development team, facilitating task automation, conducting regular meetings, and ensuring project completion within deadlines.
- **Version Control**: Implemented Git and GitHub for effective version control and collaborative development.
- **Production Workflow**: Established streamlined production development processes to enhance project efficiency.
- **DevOps Practices**: Leveraged DevOps tools including Git, GitHub, Docker, and AWS to optimize the development pipeline.
- **Log and Content Management**: Managed regular log generation to track project progress and performance, while also overseeing the integration of a Content Management System (CMS) for efficient content management and delivery.

Google Summer Of Code | Student Software Developer   Remote | July 2022 - Nov 2022
- Oversaw the project's technological implementation, "Account for Children."
- Vue.js and TypeScript were used to develop the front end.
- Backend created using Python and SQL.
- PHP was used to implement essential APIs for better functioning.

Samagra | Software Developer Internship   Remote | July 2023 - August 2023
- **Project**: Contributing to Sunbird RC DPG
- **Focus**: Learning and implementing registry and verifiable credentials.
- **Achievement**: Successfully developed a use case for creating a Master Location Registry, including:
- **API Development**: Creating wrapper APIs.
- **Schema Creation**: Implemented schemas adhering to W3C standards.

Talia Labs | Open Source Contributor   Remote | March 2023 - April 2023
- **Project**: Collaborated on the development of Lightning Watch Tower in Rust.
- **Responsibility**: Spearheaded the implementation of the Ping/Pong feature.
- **Achievement**: Successfully designed and executed client and server-side code to enhance project functionality.

SKILLS

Programming Languages:	JS, CPP, Python, C, JAVA, Rust, Flutter
Libraries/Frameworks:	Nodejs, Reactjs, Vuejs, Typescript
Tools / Platforms:	GitHub, GitLab, Firebase, Linux, Docker
Databases:	SQL, MongoDB

PROJECTS / OPEN-SOURCE

Grabtern-frontend | Link   *JavaScript, Yaml, Shell, NextJs, Tailwind*

- I oversaw the creation of the frontend portion of the Grabtern along with my team.
- This project prioritized teamwork and welcomed aspiring contributors to join and contribute to its success.
- Utilized technologies such as Tailwind CSS and Next.js to create a responsive and efficient user interface.
- Seamlessly integrated GitHub workflows to facilitate contributions and streamline the development process.
- Implemented robust testing practices following CI/CD best practices to ensure code quality and reliability.
- Please note that the backend portion of the project remains private to uphold security standards.

Location-registry | Link   *JavaScript*

During my internship within the C4GT program initiated by Samagra, I played a pivotal role in the development of this project. I focused on creating schemas and crafting wrappers for Registry APIs. Upon project completion, I successfully handed it over to the Sunbird Organization, ensuring a seamless transition for ongoing development and maintenance. My work primarily involved using JSON, JavaScript, and shell scripting to implement efficient solutions and enhancements.

Project-Amupedia | Link   *Nextjs, MongoDb, Express, SCSS*
- Source code for amupedia.com, an online platform housing structured course notes and assignments.
- Implemented a robust authentication system and integrated blog features to enhance user experience.
- Utilized a wide array of technologies to build and maintain the project.
- Employed Git and GitHub for effective version control and collaboration.
- Successfully open-sourced the repository, garnering over 100 stars on GitHub, indicating widespread recognition and adoption within the developer community.