Amaan

+91 8299546240 | amaan14999@gmail.com | linkedin.com/in/amaan14999 | github.com/amaan14999 | website/itsamaan.me

Education

Shiv Nadar University, India　　　　　　　　　　　　　　　　　　**August 2020 - May 2024**
Bachelor of Technology in Computer Science Engineering　　　　　　　　　*GPA: 8.01/10.0*

Experience

HappyFox Technologies　　　　　　　　　　　　　　　　　　　**January 2024 - Present**
Software Developer Intern　　　　　　　　　　　　　　　　　　　　　*Chennai, India*

- Currently working on the migration of HappyFox Technologies' website to a Wagtail CMS-based architecture using Python Django, enhancing content management efficiency by streamlining the development process and reducing developer dependency by 50%.
- Implemented Wagtail StreamField blocks in Django models, enhancing site modularity and content management efficiency, facilitating easier updates by non-technical users.
- Led database migration from MySQL to PostgreSQL, boosting CMS performance and scalability.

HyperSwitch - Juspay　　　　　　　　　　　　　　　　**October 2023 - November 2023**
Open Source Contributor　　　　　　　　　　　　　　　　　　　　　　　*Remote*

- Enhanced payment tracking within HyperSwitch, thus simplifying the process for merchants to locate payments in the connecter dashboard in Rust.
- Collaborated on the implementation of a new ID in RouterData, ensuring better compatibility with connector APIs and enhancing payment request management.

Celebal Technologies　　　　　　　　　　　　　　　　　　　　**May 2023 - July 2023**
Full Stack Developer Intern　　　　　　　　　　　　　　　　　　　　　*Jaipur, India*

- Developed an e-learning platform using React.js, incorporating private routing to ensure secure authentication for users during login.
- Designed and Leveraged **AWS S3 buckets** for image storage and integrated a CDN to enhance the e-learning platform, achieving a 60% improvement in load times and 40% reduction in server load.
- Developed a responsive shopping cart with React hooks, leveraging Context API and Redux for streamlined state management, reducing load times by 20% and improving user experience with real-time updates.

Projects

AIHub | *ReactJS, Next.js* | GitHub | Live　　　　　　　　　　　**February 2024 - March 2024**

- Developed an AI model showcase with Next.js, achieving Lighthouse scores of 100 for SEO performance and a 0.3s speed index, enhancing site efficiency and user experience.
- Implemented Context API for global state management, enabling dynamic UI updates and theme toggling, significantly improving user engagement.
- Crafted model-specific pages for AI showcases, utilizing React context for optimized data flow, leading to an enhanced interactive user experience with features like model favoriting and adding own models.

ResumeHub | *OpenAI, GPT, ReactJS, Python, Flask* | GitHub　　　**November 2023 - December 2023**

- Engineered a full-stack ResumeHub application, integrating ReactJS and Python with Flask, showcasing hands-on experience in backend technologies and REST API design.
- Boosted data processing efficiency by 40% with OpenAI GPT integration for resume and cover letter creation.
- Enhanced application connectivity by developing RESTful APIs for robust OpenAI service interaction, leading to a 30% improvement in API response times and user experience.

Querty | *SQL Editor* | *ReactJS, Javascript* | GitHub | Live　　　**September 2023 - October 2023**

- Developed a ReactJS SQL Editor with CodeMirror for executing SQL queries, complete with history tracking.
- Utilized React's Context API to manage application states including query handling and result management.
- Implemented interactive UI elements for query execution, data table visualization, and CSV exports, achieving sub-100ms query result display times.

Technical Skills

Languages: Java, C, C++, JavaScript, SQL, Python, HTML, CSS
Technologies/Frameworks: NodeJS, ReactJS, Next.js, MySQL, PostgreSQL, MongoDB, Django, Docker, AWS, ORM
Developer Tools: Linux, Git, GitHub, Jira, VS Code, Atom

Leadership and Involvement

- **Hackathons:** Won 1st prize in *Best Beginner Hack* at *Major League Hacking's* High School Hacks
- **Internship Programs:** Selected as a Mentee in the *Microsoft Engage Intern Program, 2022*