Gokul Marakkanam Eggiar

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Software Developer

I am an aspiring software developer with a decade of coding experience, focusing on full stack development. I am proficient in C++, Python, JavaScript, and SQL. Additionally, I have completed various projects in AI and ML, providing me with a strong foundation in these areas.

SKILLS

Languages: C, C++, Python, JavaScript, TypeScript, PHP, HTML, CSS, SQL, Bash, Solidity

Databases: MySQL, MSSQL, PostgreSQL, MongoDB, Redis, Elasticsearch, Starrocks, Manticoresearch

Cloud Computing: Azure, AWS, GCP

Technologies: NextJS, ReactJS, NodeJS, ExpressJS, Django, XAMPP, Docker, Kubernetes, Storybooks, Chromatic, Kibana, Logstash, Tailwind, Bootstrap, Selenium, Git/Github

AI/ML: NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras, PyTorch, OpenCV, Langflow, Langchain, LLM, RAG, Deep Learning

WORK EXPERIENCE

Rebecca Everlene Trust • New York   08/2024 - Present
Software Developer • Full-time

- Developed isolated components for an e-commerce website using NextJS, TypeScript, and Storybook, reducing development time by 20% in 6 weeks through reusable components.
- Tested components with Chromatic, increasing test coverage by 30% within 2 weeks and reducing UI bugs by 15%.
- Collaborated with the frontend team to enhance user experience, improving site performance and boosting user engagement.

CoolR Group Inc • Virginia   06/2023 - 08/2023
Software Developer • Internship

- Deployed and optimized StarRocks in Docker and VM environments, reducing JOIN query time by 45% in 3 months.
- Benchmarked performance of StarRocks, MySQL, MSSQL, Elasticsearch, and Manticoresearch, producing reports that drove optimization decisions.
- Streamlined testing workflows, achieving a 15% improvement in data processing efficiency.

Avihs Technologies • India   01/2021 - 12/2021
Software Developer • Internship

- Developed a responsive website using ReactJS, Bootstrap, HTML, CSS, and JavaScript.
- Implemented reusable UI components and new features with ReactJS for efficient future development by 25% within 1 quarter.
- Worked extensively with React components, including Forms, Events, Keys, and Router.

EDUCATION

Master Of Science In Computer Science
University Of Texas At Dallas • USA • GPA: 3.70   08/2022 - 05/2024

PUBLICATIONS

https://doi.org/10.1007/978-981-19-0976-4_30   05/2022
Built a Localized attention neural network to detect students' emotions and used the PAD model to cluster the emotions in online class.