

THANMAY NATH K

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TECHNICAL SKILLS

Programming Languages	C++, Python, JavaScript, TypeScript, HTML/CSS, Golang
Web Development	Node.js, Express.js, REST API, Gin, ReactJS, Next.js
Databases	MySQL, PostgreSQL, MongoDB, DynamoDB
Tools	Git, GitHub, Postman, Docker, Kubernetes

EXPERIENCE

Software Developer Intern October, 2023 - Present
Worko.ai

- Engineered over 30 high-performance REST APIs, instrumental in crafting a robust Minimum Viable Product (MVP) that underscored system excellence.
- Designed and optimized DynamoDB access patterns, resulting in a significant boost in database operation efficiency.
- Led the creation of optimized business logic, contributing to improved operational efficiency and system agility.
- Implemented OAuth 2.0 to streamline user authentication, enhancing the login and signup experiences seamlessly.
- Configured Webpack and Jest for comprehensive API testing, ensuring code reliability and accuracy.
- Tech stack: TypeScript, Node.js, DynamoDB, Angular, AWS, Bitbucket.

Open Source Contributions

Caddy

- Successfully set `virtReq.RemoteAddr` to "127.0.0.1" to ensure compatibility with reverse proxies
- Enabled accurate transmission of the client's IP address in the Caddy server
- Added a newline character, ensuring consistent version string output when using the `-v` or `--version` CLI flags

PROJECTS

Text Sentiment-Validator(ML) ([Link](#))

- Developed a Text Sentiment Analysis Platform by a Long Short-Term Memory (LSTM) neural network, enabling businesses to effectively understand customer feedback.
- Achieved 94% accuracy using Python, Pandas, Keras, and scikit-learn.

Bulk-Buy ([Link](#))

- Developed an e-commerce solution with a dual-interface system, catering to the unique needs of both wholesalers and retailers.
- Empowered wholesalers to showcase products and enabled retailers to purchase in bulk.
- Tech stack: Next.js, Go, Node.js with Express, PostgreSQL, and Rozerpay.

Notes Hub ([Link](#))

- Designed a web application for students to easily share notes and collaborate on their studies.
- Tech stack: Node.js with Express, React.js, and MySQL.

EDUCATION

Bachelor of Computer Applications, Acharya Bangalore-B School

2020 - 2023

Key Courses: Operating Systems, Data Structures, Algorithm, Database Management System.