

Akhil Varma

Full Stack Web Developer React | Node.js | TypeScript | Python | AWS

📍 USA

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Profiles

🔗 [Varma 2327](#)

Skills

React.js, Node.js, TypeScript, JavaScript(ES6+), Python, Express.js, Rest API's, PostgreSQL, MySQL, MongoDB, HTML5, CSS3, Tailwind CSS, Material UI, Docker, Git, GitHub, Jenkins, GitHub Actions, CI/CD, Agile/Scrum, Jira, Postman, VS Code, Jest, Responsive design, Accesibility, Figma

Certifications

AWS Certified Developer

Validates skills in building and deploying applications using AWS services like Lambda and S3.

Meta Front End Developer

Covers React.js, JavaScript, responsive design, and version control.

Education

Clark University

Information technology

3.90

Aug 2022 - May 2024

Master's

Gitam University

ECE

3.7

May 2017 - May 2021

Bachelor's Of Technology

Results-driven Full Stack Developer with 3 years of hands-on experience designing and implementing scalable web applications using React.js, Node.js, TypeScript, and AWS. Proficient in developing secure REST APIs, optimizing performance, and building responsive UI/UX experiences. Adept at deploying CI/CD pipelines, containerizing applications with Docker, and integrating cloud native solutions like AWS Lambda and S3. Experienced in Agile methodologies and cross-functional collaboration across telecom, retail, and SaaS domains. Passionate about clean, maintainable code and solving real-world problems through software.

Experience

Dish Network

Full Stack Developer

May 2024 - Present

Texas , USA

- Developed internal dashboards and customer-facing tools using React.js and Node.js, improving operational efficiency by 30%.
- Engineered scalable RESTful APIs with Express.js and integrated MongoDB to enable real-time data flow across microservices.
- Refactored legacy class components into modern React functional components with Hooks and Context API, enhancing maintainability.
- Automated CI/CD workflows using GitHub Actions and Docker, reducing deployment errors and accelerating release cycles by 40%.
- Integrated AWS S3 for cloud storage and AWS Lambda for event-driven processing, optimizing costs and boosting scalability.
- Collaborated with QA teams to establish unit and end-to-end test coverage using Jest and Postman, ensuring robust API reliability.

Environment:

React.js, Node.js, Express.js, MongoDB, AWS (S3, Lambda), Docker, GitHub Actions, Jest, Postman, CI/CD, Agile

TCS

Software Developer

May 2021 - Aug 2022

Hyderabad , India

- Built backend services with Node.js to manage real-time inventory and store operations, increasing system uptime by 25%.
- Crafted optimized SQL queries and exposed REST APIs for internal dashboards and mobile platforms.
- Deployed containerized applications using Docker and implemented Jenkins pipelines to streamline deployments.
- Participated in Agile ceremonies, code reviews, and sprint planning to support efficient feature delivery.
- Integrated logging and monitoring tools to support proactive error detection and faster resolution.

Environment:

Node.js, Express.js, SQL (MySQL/PostgreSQL), REST APIs, Docker, Jenkins, Agile/Scrum, Jira, Logging Tools

VASR Info Tech

Developer

Dec 2020 - May 2021

Hyderabad , India

- Contributed to a web-based analytics dashboard by developing interactive UI components with React.js and Material UI.
- Built ETL scripts using Node.js to sync data between NoSQL and SQL databases, reducing manual checks.
- Wrote integration and unit tests using Postman and Jest, lowering the defect rate by 15%.

Environment:

React.js, Material UI, Node.js, MongoDB, MySQL, ETL, Postman, Jest, Agile