

ASHITH RAHUL

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PROFESSIONAL SUMMARY

Senior Front-End Engineer with 10+ years of experience building scalable, production-grade UIs for AI platforms and enterprise systems. Expert in **React, JavaScript, TypeScript, HTML5, and CSS3**, with hands-on experience in **design systems (Material UI), accessibility (a11y), and performance optimization**. Proven ability to lead front-end architecture, Proficient in **Git, Node.js, Python, and PHP**. Working knowledge of **AWS Lambda** and **OpenSearch**. Strong problem-solving skills focused on delivering scalable, user-centric applications.

TECHNICAL SKILLS

Languages: JavaScript, HTML5, CSS3, Python, PHP

Frameworks & Libraries: React.js, Redux, Redux-Saga, D3.js, Node.js, Material UI

Testing & Tools: Jest, Enzyme, CI/CD, Git

Cloud & DevOps: AWS Lambda, OpenSearch, EKS, Serverless architectures

PROFESSIONAL EXPERIENCE

Senior Software Engineer | Cisco

Bengaluru, India | September 2020 – Present

Worked as part of the AI Network Analytics team at Cisco, developing features to visualize and present AI-driven network insights to end users.

- Led the development of an interactive data visualization dashboard using **React.js** and **D3.js**, enabling real-time filtering and insights for end-users.
- Migrated **GraphQL** functions from dedicated **EKS** cluster pods for each customer to a shared **AWS Lambda** architecture using the PostGraphile library, significantly reducing maintenance overhead and deployment time.
- Built accessible, responsive, and performant UIs, aligning with **WCAG** accessibility standards.
- **Mentored junior** developers and performed peer code reviews.

- Collaborated with cross-functional teams (UX, backend, AI infrastructure) to deliver highly scalable enterprise features for global clients.
 - **Won 2 hackathons** at Cisco ThousandEyes by developing AI-driven use cases, which were implemented as product features.
 - Received '**Shout Out of the Quarter**' Award in recognition of impactful contributions and innovation.
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Software Developer | Razorthink Technologies

Bengaluru, India | October 2017 – September 2020

- Developed modular, reusable **React.js** components for an **AI/ML** pipeline builder, enabling enterprise users to create data transformation recipes and deep learning workflows.
 - Integrated backend services and managed asynchronous data flow using **Redux** and **Redux-Saga**, which enhanced application performance and scalability.
 - Designed **UI flows** for developer tools and **AI/ML platforms**, enhancing usability for AI Engineers.
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Programmer | Brahmaa Infotek

Kochi, India | May 2015 – September 2017

- Contributed to backend feature development and maintenance as a key member of the **PHP** programming team.
 - Developed automated cron jobs using **Python**, streamlining scheduled processes and improving operational efficiency.
 - Created **RESTful web services** to support mobile applications, ensuring secure and reliable data exchange.
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EDUCATION

Bachelor of Technology in Computer Engineering | IES College Of Engineering | April 2015

Higher Secondary Education | GHSS Nandhikara | March 2011

SSLC | St Joseph HS Velupadam | March 2009