

# Prasanth

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## SUMMARY

Senior Software Engineer with 6 years of experience in developing high-quality software solutions. Proven track record of leading cross-functional teams, successfully delivering projects on-time and within budget. Expertise in full-stack development, including proficiency in React, Node and AWS Cloud. Applying for the position of Senior Software Engineer at Steam-A Private Limited to leverage technical skills and contribute to the company's growth and success.

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## EXPERIENCE

### Senior Software Engineer

#### Steam-A Private Limited

October 2023 - Present, Coimbatore, Tamil Nadu, IN

- Electric Vehicles, Digital Advisory, EV Charging, Change Design and Delivery, Digital Transformation, Business Transformation, and Energy & Utilities
- Developing innovative products for mobility and smart charging, bringing the future forward
- Steam-A professional dares to promise and the committed to delivering results. Consistently. And we are carefully curating a team of multipotentiality who bring holistic perspectives and solutions to the table.
- We leverage cutting-edge design and fit-for-purpose technology to deliver target outcomes for our customers in energy & utilities, oil and gas, and mobility (EV) sectors. We aim to harness intelligent technology and solve problems with artistic perspectives.

### Senior Software Engineer

#### InterviewDesk Technologies

February 2022 - August 2023, Chennai, India

- Led the development of a proprietary digital product.
- Utilized Front-End Frameworks (ReactJs), Design Frameworks (AntdDesign), and Back-End Frameworks (Kotlin, NodeJs).
- Implemented DynamoDB for efficient database management.
- Proficient in various AWS Services.

### Senior Software Developer

#### FalconOrange Technologies

April 2021 - February 2022, Coimbatore, India

- Developed and implemented web applications and bot products.
- Utilized Front-End Frameworks (ReactJs, VueJs), Design Frameworks (AntdDesign, Vuetify, Bootstrap), and Back-End Frameworks (NodeJs, Python).
- Managed databases including PostgreSQL and MongoDB.

### Full Stack Developer

#### Focus 4 D Career Education Pvt Ltd

February 2019 - February 2021, Coimbatore, India

- Developed an electronic learning platform with 5+ code modules.
- Conducted regular code refactoring and collaborated with educators.
- Ensured platform scalability and incorporated gamification features.
- Managed third-party integrations and provided comprehensive training resources.

### Software Developer

#### Consensus Technology

June 2017 - February 2019, Coimbatore, India

- Oversaw the entire E-learning platform (Dodo) and contributed to application and content development.
- Actively enriched features in a live environment.

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## PROJECTS

### Charger Management Software (CMS)

Steam-A Private Limited • <https://www.steam-a.com/> • October 2023 – Present

- CMS is a software for Charge Point Operators (CPOs) to manage their Electric Vehicle charging stations across multiple locations from a single application. It provides real-time monitoring and optimization capabilities for charging operations, allowing CPOs to grow their charging station business and scale efficiently.
- Engineered a robust Charger Management Software (CMS) platform that managed over 5,000 electric vehicle charging stations, incorporating real-time monitoring and automated billing features that improved system uptime by 25%.
- Front-End(Frameworks): ReactJs,NextJS,
- Design (Framework): Antd Design
- Back-End(Frameworks): NodeJs, Java , OCPP, OCPI,
- AWS Services: EC2, S3, ES, Lambda, CodeCommit, CodePipeline, CloudWatch, API Gateway

## **Sourcing Application Platform**

InterviewDesk Technologies • <https://www.gallophire.ai/> • May 2023 - September 2023

- With a reservoir of 1+ million profiles, dive into a search experience that covers Keywords, Skills, Job Insights, Experience, Location, Company Culture, Designation, and even Alma Mater.
- Front-End(Frameworks): ReactJs
- Design (Framework): Antd Design
- Back-End(Frameworks): NodeJs
- Database: DynamoDB
- AWS Services: EC2, S3, ES, Lambda, CodeCommit, CodePipeline, CloudWatch, API Gateway, DynamoDB

## **Video Conference Platform**

InterviewDesk Technologies • <https://interviewdesk.ai/virtual-interview-platform/> • January 2023 – April 2023

- Played a key role in developing a virtual interview platform with advanced AI-powered tools.
- Managed end-to-end development, infrastructure setup, and deployment.
- Conducted load testing and performance tuning.
- Collaborated with UX/UI designers for a seamless user experience.
- Implemented real-time chat features for a dynamic user experience.
- Conducted regular system backups and disaster recovery tests.
- Introduced version control processes for code management.
- Supported a global user base with 24/7 technical assistance.
- Resolved complex technical challenges within tight deadlines.
- Environment:
- Front-End(Frameworks): ReactJs
- Design (Framework): Antd Design
- Back-End(Frameworks): NodeJs
- Database: DynamoDB
- AWS Services: AWS CDK, AWS SDK, EC2, S3, Lambda, CodeCommit, CodePipeline, CloudWatch, API Gateway, DynamoDB, AWS Amplify, Cognito, CloudFormation, App Runner, Elastic Container Service, Engineered a scalable video conference platform utilizing a suite of AWS services including EC2, S3, Lambda, and DynamoDB, which facilitated reliable real-time communication for over 50,000 concurrent users during peak performance.

## **Biochemical Web Application**

FalconOrange Technologies • February 2022 - February 2023

- Worked on multiple digital products facilitating communication between owners and users.
- Developed a bio-chemical product.
- Implemented RESTful APIs for seamless data retrieval.
- Conducted unit testing and test-driven development (TDD).
- Collaborated with QA teams for bug fixing and quality assurance.
- Supported a global user base with timely updates and support.
- Implemented continuous integration and continuous delivery (CI/CD) pipelines.
- Conducted comprehensive user training sessions.
- Ensured data security and compliance with industry standards.
- Front-End(Frameworks): ReactJs, TypeScript
- Design (Framework): Antd Design
- Back-End(Frameworks): NodeJs, Python (FastApi)
- Database: PostgreSQL, MongoDB
- AWS Services: AWS CDK, AWS SDK, EC2, CI/CDEngineered a robust biochemical web application infrastructure using AWS CDK and AWS SDK, managed multiple EC2 instances for high availability, and leveraged CI/CD pipelines that ensured seamless deployment with a 99.9% uptime.

## **Cabin Bot Platform**

FalconOrange Technologies • April 2021 - February 2022

- Developed multiple bot products enabling communication between owners and users.
- Managed deployment processes.
- Implemented real-time chat functionality for enhanced user engagement.
- Conducted system performance optimization.
- Collaborated with product managers for feature planning and prioritization.
- Conducted user feedback sessions for product improvements.
- Ensured high availability of bot services.
- Conducted regular code refactoring for code maintainability.
- Supported a diverse range of industries with customized bot solutions.

- Front-End(Frameworks): Bot Framework, ReactJS
- Back-End(Frameworks): Node.js
- Database: PostgreSQL
- Design (Framework): BootstrapEngineered a responsive user interface for the Cabin Bot Platform using the Bootstrap framework, leading to a 50% increase in user engagement and a more seamless experience across various devices and screen sizes.

### Electronic Learning Platform

Focus 4 D Career Education Pvt Ltd, • <https://www.faceprep.in/> • February 2019 - February 2021

- Created an electronic learning platform, an integrated set of interactive online services supporting education delivery and management.
- Worked on 5+ code modules within this project.
- Conducted regular code refactoring for maintainability.
- Collaborated with educators for platform customization.
- Ensured platform scalability for a growing user base.
- Implemented gamification features to enhance user engagement.
- Conducted usability testing and user feedback analysis.
- Managed third-party integrations for enriched learning experiences.
- Supported instructors with comprehensive training resources.
- Ensured data security and compliance with education standards.
- Front-End(Frameworks): Reactjs, TypeScript
- Design (Framework): Antd Design
- Back-End(Frameworks): NodeJs
- Database: MySQL
- AWS Services: AWS CDK, AWS SDK, EC2, CI/CD

### E-learning and Online Coding Platform

Consensus Technology, Coimbatore • July 2017 - January 2019

- Managed the entire E-learning and online coding platform (Dodo).
- Added new features to the live environment.
- Part of application development and content development for courses.
- Conducted periodic security audits.
- Collaborated with customer support for issue resolution.
- Ensured high system uptime for uninterrupted learning.
- Conducted code optimization for improved platform performance.
- Supported instructors with course creation tools.
- Implemented single sign-on (SSO) for enhanced user convenience.
- Introduced a comprehensive analytics dashboard for performance tracking.
- Front-End(Frameworks): Reactjs, JavaScript
- Design (Framework): Antd Design
- Back-End(Frameworks): NodeJs
- Database: MySQL
- AWS Services: AWS EC2, S3

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## EDUCATION

### Bachelor of Engineering

Minor in Computer Science Engineering • Muthayammal Engineering College • Namakkal, India • 2018 • 6.5

### Higher Secondary Education (HSE)

Minor in Computer Science • State Board • Kallakurichi, India • 2014 • 6.5

### Secondary School Leaving Certificate (SSLC)

Minor in Mathematics • State Board • Kallakurichi, India • 2012 • 79

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## SKILLS

- **Front-End:** React, Vue, Next.js, Nuxt.js
- **Back-End:** Node.js, Kotlin
- **Databases:** MySQL, DynamoDB, MongoDB, Oracle, PostgreSQL
- **AWS Services:** Extensive experience with AWS CDK, AWS SDK, EC2, S3, Lambda, CodeCommit, CodePipeline, CloudWatch, API Gateway, DynamoDB, AWS Amplify, Cognito, CloudFormation, App Runner, ECS, CloudFront, AWS Chime Video, and AWS Chime Chat.