

# Candidate# HE-VG26

To set up an interview with the candidate, please email [Steve@HireEng.com](mailto:Steve@HireEng.com) quoting Candidate# HE-VG26

## SUMMARY

Experienced Software Developer with a strong background in building and enhancing applications using React, Java, and AWS. Proven track record in API monitoring, automation, and CI/CD pipeline development, driving efficiency and reducing operational costs. Skilled in leading launch readiness activities, testing, and debugging, ensuring seamless deployment and minimal post-deployment issues. Adept at mentoring and collaborating with cross-functional teams to deliver impactful results.

## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript, Java, C++, C, PHP, HTML, CSS, SQL

**Databases:** MySQL, MongoDB, PostgreSQL, SQLite, Sybase

**Cloud:** AWS (EC2, S3, Lambda, DynamoDB, API Gateway, Elasticsearch, CloudWatch, CloudFormation, VPC, SQS, SES, SNS, Kinesis Video Streams, Kinesis Data Streams, Rekognition, Transcribe, Lex, CodeCommit, CodeBuild, CodeDeploy, CodePipeline)

**Frameworks/Technologies:** Express.js, Node.js, React.js, EJS, JSON, jQuery, Bootstrap, REST APIs, Git, Swagger, Postman, Hadoop, Express, Docker, Heroku, Apache HTTP Server, phpMyAdmin, CI/CD, Agile, SVN Tortoise

**Data Processing Technologies:** Tableau, Microsoft Power BI

## EXPERIENCE

### Amazon

New York, NY

Software Developer

Aug. 2022 – Present

- Developed & enhanced animated confirmation page in React, incorporated robust error handling with context-specific messages
- Collaborated on QR region expansion & FAC tests, worked on launch readiness activities including ORR & bug bash for Theseus
- Implemented canaries & integration tests for API monitoring in Java and React, managed on-call support for customer tickets
- Developed a new pipeline for public APIs & incorporated CloudFormation templates to automate deployment using React

### University in USA

Course Assistant, Operating Systems, Introduction to Programming & Problem Solving

Mar. 2021 – May 2022

- Collaborated with professor in writing assignments & assisted in managing logistics; aided students in solving homework problems
- Evaluated weekly conceptual and programming OS assignments and provided constructive feedback to students for improvement
- Tutored Python Programming to students from diverse backgrounds; held office hours to assist in writing & debugging programs

## PROJECTS

### Automation Testing | Playwright, Cypress

Aug. 2023 – Present

- Developed integration tests, enhancing system reliability & managing on-call support, resulting in 20% reduction in incident SLA
- Led launch readiness activities, including ORR, bug bash, QA processes, ensuring smooth launch with 0% post-deployment issues
- Contributed to QR region expansion & Feature Access Control integration tests, implemented end-to-end canary testing for email UI, which identified deployment issues & reduced customer tickets by 30%

### Development | Java, JavaScript, JSON

Feb. 2023 – Aug. 2023

- Led Development to enhance real-time guidance & efficiency in customer support flows for 100+ contact center agents.
- Implemented Connect-Managed Views with JSON templates for dynamic UI components & rendering logic in Amazon Connect
- Coordinated API design & version control for view resources, enabling flexible releases, reducing update cycle time by 25%

### Development | React, Node.js, AWS

Aug. 2022 – Jan. 2023

- Implemented a confirmation page that improved user engagement by 30% with clear summaries and next steps post-submission.
- Integrated a persistent attribute bar, custom icon/image, clear headlines, resulting in a 25% increase in user navigation efficiency
- Implemented "back home" button, contributed 40% reduction in user drop-off rates, thereby enhancing overall user experience

### Personal Projects | AI, AWS, Lambda, React, Python

Sep. 2020 – July. 2022

- **Smart Door:** AWS-based smart door with face recognition & visitor alerts via Lambda, reducing costs by 50% vs Amazon Ring
- **Chatbot:** Serverless restaurant recommender using Yelp API, Lex, DynamoDB & Elasticsearch for fast, personalized results
- **Smart Gallery:** Voice-enabled gallery with AWS AI, automated CI/CD via CodePipeline for seamless deployment & interaction

## EDUCATION

### University (in USA)

Master of Science, Information Systems

May 2022

### Institute of Technology (in India)

Master of Computer Applications

May 2019