Adithya KNG

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# EXPERIENCE

## Software Development Engineer II

**Darwinbox January 2020 - December 2022, Hyderabad, India**

* Working as a full-stack developer, I orchestrated the addition of many innovative features to the Darwinbox Product, which includes Chatbot, Voice Bot, Resume Parser, Stack Ranking, and integrations with DocuSign and Adobe Sign, and revamped the Reports Generation Framework. I proactively collaborated with diverse teams and transformed the monolith application into multiple event-driven microservice architectures.
* Employing React and NodeJS, I built efficient, secure web applications. Leveraging AWS and a CI/CD pipeline, I reduced deployment time by 40%, ensuring swift and reliable releases.

# PROJECTS

## Reports Generation Framework

Darwinbox, Hyderabad

* Created reports generation framework utilizing NodeJS, Angular JS, MongoDB, RabbitMQ, Redshift, and AWS S3.
* Devised and executed a pioneering framework that harnessed MongoDB change streams to capture database transactions.
* Achieved seamless processing of over 1 million events per second using RabbitMQ integration.
* Significantly improved client report generation time by an impressive 80%.
* Employed CI/CD practices for streamlined development and deployment.

## Recruitment Stack Ranking

Darwinbox, Hyderabad

* Engineered a web application, leveraging a versatile tech stack including NodeJS, Yii, MongoDB, Neo4J, Elastic Search, AWS S3, and AWS Elastic Container Service.
* Orchestrated the implementation of an OCR-powered mechanism, successfully extracting essential details such as education, skills, and experience from thousands of resumes daily.
* Devised a sophisticated stack ranking algorithm, resulting in a 25% increase in candidate-to-position compatibility accuracy.
* Optimized the recruitment workflow by introducing intuitive tools, reducing resume review time by 40% and enhancing the quality of shortlisted candidates.
* Seamlessly processed and analyzed over 50,000 candidate profiles, ensuring optimal system performance and data accuracy.
* Innovated a solution that markedly elevated the precision of predicting candidate suitability across various job positions, resulting in a 30% reduction in hiring process duration.

## Digital Signature Integration

Darwinbox, Hyderabad

* Integrated Adobe Sign and DocuSign digital signature providers, optimizing workflows and reducing document signing time by 60%.
* Developed a versatile API supporting various digital signature providers, seamlessly replacing traditional image-based signatures in HR documents.
* Enhanced efficiency by introducing digital signatures, resulting in a 30% reduction in turnaround time for document processing.

# EDUCATION

## Master’s in computer and information Sciences

## Courses: Analysis of Algorithms, Advanced Data Structures, Distributed Operating Systems, Computer Networks, Human Computer Interaction

**University of Florida, Gainesville • Gainesville, FL • 2025 • 3.89**

## Bachelor of Engineering Computer Science and Engineering

Chaitanya Bharati Institute of Technology(A) • Hyderabad, India • 2020 • 8.4/10

**SKILLS**

**Programming Languages: Python, JavaScript, Java, Dart, PHP, SQL**

**Web Development: Node.js, React, Next.js, jQuery, HTML, CSS, Bootstrap Databases: MySQL, Oracle, Postgres, Redshift, MongoDB, Elastic Search, Neo4J Cloud & DevOps: AWS, Jenkins, RabbitMQ, Docker**

**Version Control: Git**

**APIs & Integrations: REST, GraphQL, SOAP Unit Testing: Jest, PHPUnit­­**

**CI/CD: Travis CI, CircleCI Other: Linux, Shell Scripting**