

Simadri Sai Bighnesh Prusty

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SUMMARY

Experienced software engineer with 2+ years in full-stack development, cloud computing, and machine learning. Proficient in Java, Python, C/C++, and frameworks like AngularJS, ReactJS, and TensorFlow. Skilled in CI/CD, RESTful API development, agile methodologies, big data integration, problem-solving, and managing multiple projects.

EDUCATION

Master of Science in Information Technology

Arizona State University, Tempe, AZ

May 2024

GPA: 4.0/4.0

Bachelor of Science in Computer Science

Sathyabama University, Chennai, India

May 2022

GPA: 3.6/4.0

TECHNICAL SKILLS

- Languages & Frameworks:** Java, C/C++, Python, JavaScript, TypeScript, SQL, XML, Flutter, Kotlin
- Frameworks & Libraries:** Pandas, NumPy, Scikit-learn, TensorFlow, SciPy, Matplotlib, AngularJS, ReactJS, NodeJS
- Databases & Cloud Computing:** MySQL, EC2, AWS Lambda, S3 storage, IAM, Route 53, CloudFormation
- Tools & Technologies:** Git, Postman, VMware, Google Firebase, Android Studio, Tableau, Couchbase, Spark
- Methodologies & Others:** Agile, Scrum, SDLC, Object-Oriented Programming, RESTful API Development, Data Analysis, Big Data Integration, Software testing, Automation, CI/CD, Windows, Unix/Linux

PROFESSIONAL EXPERIENCE

Software Engineer – Global Child Prodigy Private Limited

Jan 2023 – May 2024

- Collaborated with developers to design, develop, and deploy the company website within a month, driving 40% more users and improving Alexa ranking by 25%
- Monitored CI/CD pipelines using GitHub Actions, automating build, test, and deployment processes to ensure agile and reliable software delivery
- Maintained a comprehensive sponsor and client database, ensuring data accuracy and currency through collaboration and robust quality controls.
- Crafted SQL queries to merge telemetry data from diverse sources, clean API logs, and implement business logic

Full Stack Developer - IndoLACCA Shellac Industries Private Limited

Dec 2021 – Apr 2022

- Developed a dynamic event website, integrating three third-party APIs and expanding payment and improving cross-platform functionality by 75%
- Implemented RESTful APIs for seamless integration with front and back-end systems, optimizing performance across devices

PROJECTS

Cloud-Based File Storage System | AWS S3, Lambda, DynamoDB, React, Node.js

Jan 2024 – May 2024

- Developed a secure and scalable cloud-based file storage system with user authentication and file sharing capabilities, implementing serverless functions using AWS Lambda for file operations and creating the front-end with React.

Sentimental Analysis on Twitter | Python, Tweepy, pandas, Scikit-learn, VADER, Bootstrap

Aug 2023 – Dec 2023

- Developed a sentiment analysis solution using machine learning models with Scikit-learn and NLTK, achieving over 80% accuracy, retrieved 40,000+ tweets via Twitter API, and created a responsive frontend interface

WorkTez | AngularJS, Node, Firebase, FastAPI

Jan 2023 – May 2023

- Built an agile-based DevOps automation application with a modular Angular architecture, high-performance FastAPI backend, and Firebase real-time database integration

LEADERSHIP EXPERIENCE

Head of Operations - Hindu Yuva ASU

Aug 2023 – May 2024

- Spearheaded the operational management of four large-scale student events, driving two cross-club collaborations and resolving issues to ensure seamless execution

Community Lead - Google Crowdsourcing

Jan 2021 – May 2022

- Mentored and trained Google Crowdsourcing contributors, boosting participation rates by 75% and optimizing data collection processes to enhance AI model performance

CERTIFICATIONS

- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- Career Essentials in GitHub Professional Certificate
- AWS Fundamentals Specialization from Amazon Web Services