

ADITYA DHONDE

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TECHNICAL SKILLS

Programming Languages: Python, Java, C/C++, JavaScript, SQL, TypeScript, Go, Ruby.

Software Development Tools: Git, Docker, Kubernetes, Jenkins, CI/CD Pipelines, Postman, Jira, Confluence.

Web Development: HTML, CSS, React, Angular, Node.js, Express.js, REST APIs, GraphQL.

Databases: MySQL, PostgreSQL, MongoDB, Redis, Elasticsearch, SQLite.

Frameworks & Cloud: Spring Boot, Django, Flask, Hibernate, Bootstrap, TensorFlow, PyTorch, AWS (EC2, S3, Lambda), GCP, Azure.

Other Skills: Agile Methodology, Object-Oriented Design (OOD), Microservices Architecture, Unit Testing, Debugging, UNIX, Linux.

EDUCATION

New Jersey Institute of Technology

Sept 2023 - May 2025

Major: Master's, Computer Science

GPA-3.8

Coursework: Data Structures and Algorithms, Cloud Computing, DBMS, Operating Systems, Web Systems, Data Analytics, etc.

PROFESSIONAL EXPERIENCE

Google(Client)

Hyderabad, India

Software Engineer (Java, Android Studio, Jadx, Application Security Audit, Android Security)

Nov 2022 - Aug 2023

- Reverse engineered apps to develop and implement strategies that prevent malicious apps reducing 91.88% threat incidents.
 - Enhanced AI model that incorporates manual review processes to the identification of harmful **Android applications**.
 - Reviewed Java code of 2500+ applications using reverse engineering tools **JadX**, **Decompilers** to analyze manifest files.
- Result:** Achieved daily target of reviewing 15 apps with **98.7% quality**, protecting all **Android app** users by **data collection**.

Live Risk Labs

New Jersey, USA

Associate Researcher (OSCAL - ReactJS, NIST, Backend Security, Security Audit, Cybersecurity)

May 2024 - Aug 2024

- Designed a secure React webpage using **OSCAL** framework, aligning with **NIST** security controls to strengthen compliance.
 - Implemented **15+ NIST SP 800-53** security controls within the OSCAL framework to enforce access policies and encryption protocols.
 - Developed front-end with **React.js**, cutting load time by **40%** with OSCAL JSON integration.
- Result:** Deployed a NIST-compliant webpage, improving security posture by **90%** and reducing potential attack vectors by **75%**.

Cognizant

Pune, India

Software Engineering Intern (Big Data, Hadoop Ecosystem, Informatica Powercenter)

Jan 2022 - May 2022

- Analyzed 10+ databases and formats of **Big Data** for **ETL** process to maximize efficiency by reducing data breach.
 - Increased proficiency in **Informatica Powercenter** tool to enhance data integration along with high-performance.
 - Implemented **Data Warehousing** to connect multiple sources and workflows for **parallel processing & load balancing**.
- Result:** Optimized business process by building **forecasting models** for financial trading and monitoring daily customer needs.

CodeAppMedia

Aurangabad, India

Software Developer Intern(NodeJS, Angular, MongoDB, Express, Mongoose, Git, Google Cloud Platform)

Oct 2021 - Dec 2021

- Built an online compiler with teaching assistance and data security features using **NodeJS** and MongoDB.
 - Dual ports for data security along with **Middleware** authorization and **Tokenization** using **bcrypt** built in backend.
 - Constructed **Websocket.io** network to facilitate teacher - student collaboration for meetings and programming simultaneously.
- Result:** Achieved increment in student success rate by +40% measured on employment status concerning competitive coding.

PROJECTS

Project 1: Android App Development

- Designed a brain-training gaming app using **Java**, creating 50+ XML files for UI and enhancing cognitive functions.
 - Refined UX/UI by integrating user feedback, adding animations, and optimizing performance, resulting in a 4.1/5 Play Store rating.
- Result:** Successfully launched on **Google Play Store** with an average rating of **4.1/5** and over 10k downloads within 2 months.

Project 2: Web development project to increase customer outreach

- Developed a corporate website for **a) Health and fitness organization** and **b) Beauty solution company**.
 - Created backend using **NodeJS** runtime environment executing **JavaScript** to handle up to 1000 **API** concurrent requests efficiently. Managed database in **MongoDB** while using **Express framework** with **Mongoose** to serve the HTML webpage.
- Results:** Successfully hosted website on **Amazon Web Services(AWS)** post **User Acceptance Testing(UAT)** by **MVP** model.

CERTIFICATIONS

AWS Certified Cloud Practitioner (CLF-C02): Validates cloud fluency and foundational AWS knowledge.

Google's Manage Security Risks: Focuses on risk management, security policies, compliance frameworks, and cyber threats.

ACHIEVEMENTS

Top 100 All India Rank in Developer Student Club's '.get .set .code' competition by CodeChef.

Ameliorated global ranking in Google Kickstart from **Top 25%** → **Top 10%** → **Top 2%**.

2nd Rank among 1,500+ candidates in GeeksforGeeks' **Data Structures and Algorithms** competition.