

KOTTAKOTA ARAVIND

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SUMMARY

Software Developer with **2+ years of experience** at **L&T Technology Services**, specializing in **Java, Python, Django** for web application development. Expertise in optimizing backend performance, automating workflows with AI/ML, and integrating REST APIs. Proficient in full-stack development, achieving a **25% increase in system efficiency** and mentoring junior developers.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML, CSS, React.js

Frameworks & Databases: Django, PostgreSQL, jQuery, Ajax

Tools: Jenkins, Git, Gerrit, JIRA, NumPy, Pandas, Visual Studio Code

Soft Skills: Communication, Team Collaboration, Leadership

PROJECTS

Jenkins Migration & Full-Stack Development — Java, Python, Django, JavaScript

Jan 2022 – Present

L&T Technology Services (Sony)

Django-based Web Application

Led the migration of a **Django platform** to **Jenkins**, resulting in a 35% improvement in scalability and reduced cloud infrastructure costs.

- Automated regulatory compliance with **Java modules**, streamlining workflows across 30+ systems.
- Contributed to both frontend (**React.js, JavaScript**) and backend (**Python/Django**) development to enhance integration and user experience.
- Integrated **REST APIs** with **LDAP, JIRA**, and **Gerrit** to optimize data exchange and improve system communication.
- Optimized **PostgreSQL** database queries, reducing query time by 25% and improving scalability by 50%.

AI-Driven Predictive Analytics — Python, Highcharts, JavaScript, AI/ML

Aug 2021 – Jan 2022

Highradius (Internship)

Data Visualization Project

- Developed **interactive dashboards** using **Highcharts** and **JavaScript** for data analysis of large datasets.
- Implemented **AI-driven models** for predictive analytics, improving decision-making by 30%.
- Enhanced product recommendation systems using **machine learning**, boosting engagement by 18%.

Interactive Tourism Guide Web Application — HTML5, CSS3, JavaScript, Bootstrap, jQuery

Feb 2019 – May 2019

Self-Developed

Web Application

- Designed and deployed a **responsive** tourism guide application using **HTML5** and **Bootstrap**, ensuring cross-device compatibility.
- Implemented interactive features with **JavaScript** and **jQuery**, improving user engagement and navigation.
- Utilized **CSS3** to enhance the visual design and optimize the layout for various screen sizes.
- Deployed using **Netlify** with version control via **Git**, ensuring seamless updates.

EXPERIENCE

L&T Technology Services

Software Engineer — Jan 2022 - Present

- Directed the transition of a **Django-based platform to Jenkins**, improving scalability by 35% and cutting operational costs.
- Automated compliance tasks using **Java**, resulting in significant improvements in reporting efficiency.
- Collaborated on full-stack development using **Python/Django** and **React.js**, enhancing system performance and integration.
- Integrated multiple systems with **REST APIs** for seamless data exchange, reducing synchronization time by 40%.
- Reduced query execution times by 25% and improved **PostgreSQL** scalability by 50%.

EDUCATION

Lovely Professional University
Bachelor of Technology in Computer Science, Cybersecurity

Phagwara, India
Jun 2018 – May 2022

KEY ACHIEVEMENTS

- Developed over **20+ automation scripts**, reducing software delivery time by 40% and streamlining workflows.
- Ensured full regulatory compliance by designing and implementing **10+ modules**, passing all audits successfully.

CERTIFICATION

Front-End Web UI Frameworks and Tools: Bootstrap 4
by The Hong Kong University of Science and Technology

Coursera
Oct 2021 – Dec 2021

AWARDS

- **SPOT Award** and **Star of the Month** for automating scripts, which reduced time by 40% for manual tasks.