

Karthikeyan R V | Software Engineer Level 2 (SDE II)

Hyderabad, India | karthikeyan.r.v.2601@gmail.com | +918754800998 | Linkedin@karthikeyan-r-v-549b861b6 | [Portfolio](#)

SKILLS

- **Languages** - Typescript (10), JavaScript (10), JAVA (10), Python (10), SQL(10), HTML (10), CSS (10), SCSS (10), C++ (7), C (7), Solidity (7).
- **Technical skills** - ReactJS & PreactJS (10), React Native (8), Oracle ADF (10), OracleJet (10), NodeJS (10), Firebase (10), PostgreSQL (10), Cypress Automation (10), Selenium Java Automation (10), Git (10), JIRA (10), Adobe XD (10), Figma (10), MongoDB (8), Flask (8), CI/CD pipeline automation & development (8), Jekyll (8), Adobe Illustrator (9), Jenkins (8), Blender (7).
- **AI/ML Skills & Data Science Skills** - LangChain (5), GPT-4 (5), OpenAI API (5), Semantic Search (5), Retrieval-Augmented Generation (5), Vector Databases (FAISS) (5), Chatbot Development (5), Prompt Engineering (5), Embedding Models (5), Numpy (5), Document Parsing (5), PDF Text Extraction (5), Data Preprocessing (5), Asynchronous Data Pipelines (5), Text Processing (5).
- **Certifications** - Oracle Cloud Infrastructure 2025 AI Foundations Associate.

*(n) indicates skill level on a scale from 1 (lowest) to 10 (highest).

PROFESSIONAL EXPERIENCE

ORACLE

Software Engineer II (IC2)

Software Engineer I (IC1)

Contributed Projects:

1. Cloud PMS - OPERA Cloud as framework developer - Hospitality Global Business Unit
2. Hotels Channel Management Software - Hospitality Global Business Unit

Responsibilities:

- Delivered 5+ core functionalities with top-tier code quality, ensuring 100% UI design accuracy.
- Collaborated with over PO and designers, scheduling demos to ensure requirements alignment and on-time delivery.
- Leading a team of 2 interns, guiding them through onboarding and project workflows.
- As a framework and full-stack developer, developed and implemented language translations functionality across 8 project modules, impacting over 2000 files of code. Conducted extensive cross-browser testing, completing the functionality in 1 month with high efficiency.
- Utilized Oracle ADF, Oracle Jet, PreactJS, CI/CD pipeline, TypeScript, JavaScript, Java, Postman, Cypress, HTML, CSS, SCSS, Figma, and JIRA to performance by 50%, ensuring high-quality, responsive user interfaces.

ORACLE

Project Intern

Responsibilities:

- Contributed to Oracle's Opera Cloud Property Management application in Hospitality Global Business Unit by getting to know 8 project modules and building micro functionalities.

APPSCMS TECHNOLOGIES

Web Developer Intern

Responsibilities:

- Produced complex Video, Audio and PDF editing applications without involving the backend.

EDUCATION

AMRITA VISHWA VIDYAPEETHAM

B-tech Engineering in Computer Science; CGPA: 8.43/10.00

Completed 12+ core CS courses, including Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, and Object-Oriented Programming, with strong performance across all.

1. Finalist, Atlassian App Dev Hackathon (**Top 10 of 2000+ teams**).
2. **AIR 819** in AEEE, earned **90% scholarship**, GPA > 8 in all semesters.

PROJECTS

- **Cloud PMS - OPERA Cloud** - Contributed to the world's #1 hotel PMS used by 40K+ properties, focusing on modular, reusable frontend architecture. [Link](#).
- **Policy Compliance System** - Engineered from the ground up a SOC 2-compliant app for managing employee policy acknowledgments with roles, versioning, and automated escalations. Used by 100% of org staff. [Link](#).
- **Aether** - Aether is a mindful visual productivity tool that helps you map your life, dream boldly, and flow with purpose. [Link](#).
- **Vortex AI** - A document-based chatbot app where admins upload PDFs to train the model, and users can interact with an AI via a smart, searchable chat interface. [Link](#) (In progress).
- **Order Management System** - Built a full-stack PERN web app with 4 user roles for a construction company to manage orders and inventory. [Link](#).
- **Online Video, Audio & PDF Editor** - Made from the foundation up a secure, client-side web tool to edit media files with 20+ core features, ensuring data never leaves the browser. [Video Editor Link](#), [PDF Editor Link](#).