

Prathap S

prathapshanmugam5@gmail.com | +91 9345749329 | Full Stack Developer | Trichy, India
github.com/PrathapShanmugam3 | LinkedIn | GitLab | Portfolio

EDUCATION

JAYARAM COLLEGE OF ENGINEERING AND TECHNOLOGY

B.E. IN CSE

2017 - 2021 | Pagalavadi, Trichy
CGPA: 7.5 / 10.0

E.R. HIGHER SECONDARY SCHOOL

COMPUTER SCIENCE

May 2017 | Anna Salai, Trichy
Percentage: 74.5%

CERTIFICATIONS

OPENAI ACADEMY

Aug 2026

- Agents and Workflows
- Applied AI Foundations
- AI Foundations

DDUGKY

Sep 2022 - Feb 2023 | Trichy

Application Developer - Web Mobile
(NSQF Level 6)

TECHNICAL SKILLS

FRONTEND

React, Angular, JavaScript, TypeScript,
HTML5, CSS3, Bootstrap 5

BACKEND

Java, Spring Boot, Node.js, Express.js,
REST APIs, Python, FastAPI

DATABASES

MySQL, PostgreSQL, MongoDB

AI & ML

LLM Fine-tuning (LoRA), Text-to-SQL,
Google Colab, AI-assisted
Development

DEVOPS & TOOLS

Docker, Git, GitHub, GitLab, Postman,
Swagger, VS Code, DBeaver

CLOUD & HOSTING

Vercel, Render, Firebase, Hostinger
VPS

SUMMARY

Full Stack Developer with **3+ years of experience** in **Angular, React, Spring Boot and Node.js**. Skilled in **REST APIs** and **MySQL/PostgreSQL** optimization, clean code and Agile delivery. Now expanding into **AI engineering** with LLM fine-tuning and Text-to-SQL.

EXPERIENCE

OASYS CYBERNETICS PVT. LTD | SOFTWARE DEVELOPER

Aug 2023 - Present | Trichy

- Build enterprise **ERP** and HR apps with Angular, React and Spring Boot.
- Design scalable features and RESTful APIs across business modules.
- Optimize MySQL and PostgreSQL queries for faster data handling.
- Integrate Angular/React frontends with Spring Boot services end to end.
- Gather requirements with cross-functional teams and ship features on time.
- Ensure quality with unit/integration tests, code reviews and Agile sprints.

PROJECTS

COOPTEX ERP SYSTEM | ANGULAR, SPRING BOOT, POSTGRESQL

2023 - 2025 | Trichy

- Built inventory, sales and finance modules with smooth data flow.
- Responsive Angular UI with secure Spring Boot APIs on PostgreSQL.
- Worked with cross-functional teams to improve performance and user experience.

OASYS EMPLOYEE PORTAL | REACT, SPRING BOOT, MYSQL

2025 - Present | Trichy

- All-in-one platform for employees, attendance, leave and tasks.
- One-time approval workflows and real-time updates for HR teams.
- Clean, intuitive React UI backed by secure Spring Boot services and MySQL.

PERSONAL PROJECTS

DYNAMIC TEXT-TO-SQL PLATFORM | PYTHON, FASTAPI, LoRA

2026 - In progress

- Fine-tuned Qwen 2.5 3B with LoRA on Colab to turn English into SQL.
- FastAPI reads live DB schemas, validates read-only SQL, returns JSON.

RUPI REWARDS | FLUTTER, NODE.JS, MYSQL

2026 | Live on Google Play

- Built with AI-assisted dev: rewards, referrals and UPI withdrawals.
- Deployed Node.js API, MySQL and React admin on a Hostinger VPS.