

NAVIN RAAJ

Full Stack Java Developer

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Summary

Aspiring Full Stack Java developer with an equally deep knowledge of core Java as well as web and database technologies. Enthusiastic about creating efficient and reliable as well as scalable applications and improving problem-solving skills. Actively looking for an opportunity to learn, develop, and contribute as a Software Developer.

Skills

Programming & Querying: MySQL, Java, Python, C

Frontend: HTML, CSS, Javascript

Backend: PHP

Tools known: VS Code, IntelliJidea, Eclipse, Xampp server.

Projects

Hostel Management System | *PHP,MySQL*

Jan 2025 – April 2025

- Designed and developed a hostel management system for managing over 300 students details, room details, booking details, etc.
- Modeled and normalized 10+ relational database tables (students, rooms, fees, complaints, staff) to ensure data integrity and faster query performance.
- Implemented role based access control(admin and user) to ensure security of sensitive data.
- Built an inbuilt attendance management system to keep track of the students attendance.
- Built an dashboard to visualize the summarized version of total number students and total number of rooms available.

Hyperparameter optimization using RL | *Python,Deep Learning*

September 2025 – December 2025

- Built an DQN based **RL agent** for optimizing the hyperparameter of **BI-LSTM based sentiment analysis** model.
- Trained the agent to **dynamically modify** the hyperparameters like **dropout rate, learning rate, batch size and epochs** during the training of the model.
- Trained the DQN agent **over 100+ episodes** and benchmarked results against traditional tuning methods, demonstrating faster convergence..
- Achieved **around 20%** reduction in hyperparameter search time while improving BiLSTM sentiment classification accuracy.

Certifications

- **Java - Hacker Rank(2026):** Completed the java test in Hacker Rank and was certified with a Java certificate.
- **Software Development Job Simulation - Forage(Datacom):** Gained hands on exposure to datacom software devdlopment role and gained experience on real life development environment.
- **HTML and CSS - Udemy(2026):** Completed HTML and CSS course in udemy and was certified with a completion certificate.
- **Database and SQL - Infosys springboard(2024):** Completed Database and AQL in infosys springboard and was certified with a completion certificate.

Education

B.Tech. Information Technology

P. A. College, Pollachi

Graduating: 2026

CGPA: 7.65 / 10

HSC

Kendriya Vidyalaya, Perambalur

Graduated: 2022

Percentage: 72%

SSLC

Kendriya Vidyalaya, Perambalur

Graduated: 2020

Percentage: 80.8%