DEVASURYA S

Entry-Level Software Engineer | Java Developer | Full Stack Developer

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CAREER OBJECTIVE

Motivated and detail-oriented B.Tech Information Technology graduate with a strong foundation in Java, React.js, Node.js, Data Structures, and Web Development. Seeking an entry-level Software Developer role to apply problem-solving skills, build scalable full-stack applications, and contribute to innovative development projects while continuously learning modern technologies and SDLC practices.

EDUCATION

B.Tech – Information Technology	Panimalar Engineering College, Chennai	*Oct 2022 – Apr 2026*
HSC (Class XII)	Shri Renuga Vidhyalayam Matric Hr. Sec. School, Theni	*Jun 2021 – Mar 2022*
SSLC (Class X)	Shri Renuga Vidhyalayam Matric Hr. Sec. School, Theni	*Jun 2019 – Mar 2020*

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript
Web Technologies: React.js, Node.js, HTML5, CSS3, Bootstrap, REST API
Core Java: OOP, Collections Framework, Exception Handling, Multithreading, JDBC
Frameworks & Tools: Spring Boot, VS Code, Render
Version Control : Git, GitHub
Database: MySQL, SQL

PROJECTS

Zafran – Premium Men's Fashion E-Commerce Website *Live | GitHub*

- Built a fully functional single-page men's fashion storefront with 6 curated categories and 62+ products — zero dependencies.
- Implemented live cart, wishlist, search overlay, color variant selector, checkout modal and real-time badge counters.
- Designed animated responsive UI — custom cursor, scroll-triggered reveals, marquee banner, mobile to desktop compatible.

Tech Stack: *HTML5, CSS3, Vanilla JavaScript*

EMI KIT – Modern EMI Calculator *Live | GitHub*

- Developed a responsive EMI calculator computing monthly EMI, total interest, and total payment in real-time.
- Built month-by-month amortization schedule using formula [P x R x (1+R)^N] / [(1+R)^N - 1] with clean DOM manipulation.

Tech Stack: *HTML5, CSS3, JavaScript (ES6)*

AI-Based SSH Brute Force Attack Detection System *Nov 2025 – Apr 2026*

- Developed an ML-based system to detect SSH brute force attacks using behavioral analysis and log monitoring.
- Implemented Random Forest and XGBoost models achieving 97% accuracy and reducing false alerts by 35%.
- Published findings as an IEEE research paper on intrusion detection systems.

Tech Stack: *Python, Scikit-learn, XGBoost, MySQL, HTML, CSS, JavaScript*

CERTIFICATIONS & ACHIEVEMENTS

- Python Programming Certification GUVI Geek Networks (Google for Education Partner) *August 2023*
- IEEE Research Paper published on AI-based SSH intrusion detection system.
- Achieved 97% ML model accuracy in cybersecurity project using Random Forest & XGBoost.

SOFT SKILLS

- Problem Solving
- Communication
- Team Collaboration
- Time Management
- Adaptability
- Quick Learning

ADDITIONAL INFORMATION

Languages: English (Fluent) | Tamil (Native)
Hobbies: Volleyball