Mathan A

Kancheepuram | learnmathan@gmail.com | 9043343357 | portfolio/mathan | linkedin.com/in/mathan-a-030804347

Summary

Aspiring IT specialist with strong skills in full-stack technologies, including Java, Spring Boot, MySQL, and React.js. Experienced in developing real-time web applications during internships with a focus on clean, efficient code. Certified in MS Office, Java, MySQL, React.js, Full Stack Development, and Typewriting. Recognized for strong problem-solving, logical thinking, and teamwork skills. Quick learner with a keen interest in full-stack development and emerging technologies.

Education

- **B.Tech in Information Technology**
  Kings Engineering College, Chennai
  CGPA: 8.0 | (2021–2025)
- **Higher Secondary Certificate (HSC)**
  Anderson HR Senior Secondary School, Kanchipuram
  Percentage: 85% | (2020–2021)
- **Secondary School Leaving Certificate (SSLC)**
  Government Adi-Dravida Welfare High School, Kanchipuram
  Percentage: 75% | (2018–2019)

Key Achievements

Certifications and Competitions

- **Best Performing Team** at IDE Bootcamp Phase-III, Kalasalingam Academy of Research & Education, Madurai (2024)
- Selected for **Smart India Hackathon 2023 – Senior Software Edition** at QIS College of Engineering & Technology for developing a Fire Detection & Alert System
- **3rd Prize** – Hackathon Expo at Kings Engineering College (2022) for an innovative IoT project titled *TOM*

Internships

Java Software Engineer Intern, Besant Technologies

- Trained in Core Java, MySQL, Spring Boot, and JDBC for database integration
- Developed and tested 5+ mini-projects implementing CRUD operations with REST APIs
- Optimized MySQL queries, improving response time by 25% and enhancing database performance

Full Stack Developer Intern, NoviTech R&D Pvt Ltd

- Worked on front-end and back-end development using React.js and Node.js for 3 full-stack applications
- Implemented responsive UI components and integrated RESTful APIs, reducing page load time by 15%
- Assisted in deploying full-stack applications using Git and CI/CD pipelines

Web Developer Intern, CodSoft

- Designed static and dynamic web pages using HTML5, CSS3, and JavaScript for 4+ client projects
- Enhanced user interface responsiveness and layouts, improving UX across devices
- Built prototype projects to strengthen front-end web development fundamentals

Skills

- **Languages:** Java, JavaScript, Python, C++
- **Back-End:** Spring Boot, Node.js, Express.js, REST APIs
- **Front-End:** React.js, HTML5, CSS3, Tailwind CSS
- **Databases:** MySQL, MongoDB
- **Version Control / Tools:** Git, MS Office, VS Code, Eclipse, IntelliJ IDEA, Postman
- **UI/UX Design:** Figma, Adobe Photoshop
- **Soft Skills:** Logical Thinking, Teamwork, Problem Solving, Time Management, Communication,leadership

Projects

College ERP System

- Developed an ERP system managing data of 500+ students, including attendance and scheduling
- Implemented role-based access control using JWT for secure authentication
- Improved MongoDB query efficiency, reducing response time by 40% for large datasets
- Designed a responsive, mobile-first UI with Tailwind CSS
- **Technologies**: React.js, Tailwind CSS, Redux, Express.js, MongoDB, JWT

Mini Projects with Spring Boot and MySQL

- Built 10+ REST APIs for CRUD operations with proper exception handling and input validation
- Integrated MySQL database with optimized queries, improving performance by 30%
- Applied JUnit testing to ensure code reliability and maintainability
- **Technologies**: Spring Boot, MySQL, JPA, JUnit, Maven

Publications

Next-Gen Fake News Detection: Leveraging BERT for Enhanced Accuracy

- Published at: IJSREM
- Link: ijsrem.com/download/next-gen-fake-news-detection-leveraging-bert-for-enhanced-accuracy

Languages

English, Tamil