BOSEVETRIVELRAM M
FULL STACK DEVELOPER
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Frontend Developer skilled in **React.js** and intermediate in **Next.js** for building responsive and **SEO-optimized** web applications. Currently learning **backend development** with **Java** and gaining hands-on exposure to **cloud technologies (AWS, Docker, CI/CD)**, with the goal of becoming a **Full-Stack Developer** and enhancing expertise in **Cloud Engineering**.

EDUCATION

Bachelor of Engineering in Electronics and Communication Engineering   Sep 2023 – April 2027
Bannari Amman Institute of Technology   *8.2 CGPA*

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern   Sep 2024 – Apr 2025, Remote
Crayon'd

- **Developed and delivered 2 client-facing products** with **React.js, Next.js**, and **TypeScript**, implementing reusable UI components (**HeroUI, Material-UI, Tailwind CSS**) and ensuring responsive, SEO-friendly, high-performing applications.
- **Managed state** using **Redux** and **Zustand**, optimizing rendering strategies for scalability, maintainability, and improved user experience.
- **Worked collaboratively with team members** in an **Agile** environment, maintaining code quality through Git workflows, peer reviews, and industry-standard coding practices.

PROJECTS

Policy Manager | Frontend Project

- **Developed a Policy Management platform** for agents to update policies, track policyholders, and manage services efficiently.
- Built a **responsive UI using React.js, TypeScript, Redux, Tailwind CSS**, and **Material-UI**, improving usability and maintainability.
- **Implemented state management** with **Redux**, ensuring consistent data flow and optimized performance across modules.

Image Compression Tool | Java (Console Application)

- Built a **Java-based console application** for **lossy JPEG image compression** using `ImageIO` and `ImageWriter` APIs.
- Implemented **configurable compression levels** to balance image quality and file size, reducing storage requirements by up to **X%**.
- Utilized **Java I/O streams, byte arrays, and exception handling** to support both file-based and in-memory image compression.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, C
Frontend: React.js, Next.js, TypeScript, HTML5, CSS3, Tailwind CSS, Material-UI, HeroUI
Backend & APIs: Java (OOP, JDBC, Servlets), REST APIs
Databases: MySQL, SQL (RDS)
Cloud: AWS (EC2, S3, RDS, Lambda, VPC, Elastic Beanstalk)
Tools: Git, GitHub, Eclipse