DHARUNKUMAR V

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EDUCATION

Bachelor of Technology in Information Technology — 2021 - 2025
Sona College of Technology, Salem
Overall GPA: 7.7/10

SKILLS

Programming Languages and Libraries: Java, JavaScript, TypeScript, HTML, CSS,
Libraries and Frameworks: React.js, Next.js, Node.js, Express.js
Databases: MongoDB, PostgreSQL, Drizzle ORM
Tools: Git, Github, Postman, Docker
Other Skills: API Design & Integration, Data Structures & Algorithms, Leadership, Teamwork

EXPERIENCE

Software Development Engineer I — June 2025 - Present 2025
Botify — *Salem*

- Engineered **SaaS** product using Next.js, Hono.js, PostgreSQL (Drizzle ORM), and Stripe/Razorpay for subscription workflows, improving system scalability.
- Implemented **authentication** and **RESTful API** endpoints using Hono.js and PostgreSQL.
- Delivered full system architecture from design to production—modelled database schema, integrated payment flows, and ensured maintainability across the stack.

Salesforce Associate — Jan 2025 - May 2025
Creation Technology — *Salem*

- Customized **Salesforce CRM** and automated workflows using Flows, Apex, and Lightning components.
- Handled admin tasks: user setup, object configs, validation rules, and reports.

PROJECTS

Pothole Detection System

- Developed a real-time hazard detection system using **YOLOv7** and **Roboflow**, boosting detection accuracy by **65%**, and automated image processing with **Node.js** and **Jimp**, reducing manual work by **70%**.
- Built a **React.js** dashboard for managing pothole reports, improving issue response time by **40%**.

Job Portal

- Built a scalable platform using **React.js**, **Tailwind CSS**, and **Supabase**, improving job match efficiency by **50%** and reducing onboarding time by **70%** with **Clerk**-based role management.
- Designed a responsive, user-friendly interface using **Shadcn UI**, increasing user satisfaction by **60%**.

ACHIEVEMENTS

- **Practiced** and **solved 500+ problems** across various coding platforms
- Recognized for developing a **QR-based OTP authentication** system during **PALS Analysis**, enhancing **security protocols** and mitigating **man-in-the-middle attacks**.
- Participated in **Smart India Hackathon (SIH)** – Developed an **Automatic Drug Dispenser** where doctors send prescriptions via email, and users collect medicines by scanning a **QR code**.