DHARUN MARSHALL

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SUMMARY

Aspiring **Full Stack Developer** with a strong foundation in **frontend development** and a growing passion for building **scalable**, maintainable web applications. Adept at crafting intuitive **UI/UX** designs and solving real-world problems through clean, **efficient code**. Currently expanding **backend skills** to deliver complete end-to-end solutions and **API designing**. A fast learner, **detail-oriented** and committing to write code that now only work but lasts.

EDUCATION

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE   Sep - 2022 to Apr - 2025
S.A Engineering College
Built a **strong foundation** in **programming**, **web development**, and core **computer science concepts** through my **Computer Science Engineering** degree, applying them in **real-world projects**, **coding challenges**, and **hackathons**; passionate about **frontend development** while actively expanding **backend expertise** to become a **full-stack developer** capable of building **scalable**, **production-ready applications**.

WORK EXPERIENCE

- **CODEBRAWL** (PvP coding battle startup idea of my team)
  System Design – Architected the overall **application structure**, ensuring **scalability**, **maintainability**, and clean separation of concerns.
  UI/UX Design – Created intuitive **user interfaces** and crafted seamless **user experiences** with a focus onvaccessibility and responsiveness.
  Frontend Development – Implemented dynamic, interactive features using **modern JavaScript frameworks** and **responsive design principles**.
  API Integration – Connected the frontend with multiple **RESTful APIs**, handling authentication, data fetching, and error management efficiently.
- **PROFANITY WORDS FILTER** (controlling explicit chat by AI in chatapp)
  Python + ML – Built a profanity filter for the chat app, training a custom model with linear regression and anomaly control.
  Python – Created and refined the dataset, rewriting entries to make the model smarter and more accurate.
  React + Express.js – Developed the full-stack chat application with a clean UI and smooth functionality.
  WebSocket – Added real-time messaging so conversations update instantly without refresh.
  Django – Integrated the ML API into the web app for seamless backend-to-frontend communication.

SKILLS

- **Technologies:** HTML5, CSS3, TailwindCSS, Bootstrap, JavaScript (ES6+), TypeScript, React.js, Redux, Node.js, Express.js, MongoDB, SQL/MySQL, Java, Python, Machine Learning (ML), AWS, REST APIs, Git & GitHub.
- **Tools:** VS Code, ChatGPT, GitHub Copilot, Vercel, Netlify, GitHub, Google Colab, Kaggle, Canva, Figma, Postman, Firebase, Notion, Slack, Zoom, Microsoft Teams, Google Workspace, Trello, Discord, Grammarly, Bing AI, Hugging Face, Replit.
- **Methodologies:** Scrum, Agile, Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP).