

# DINESH C

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## Profile Summary

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Motivated IT undergraduate specializing in frontend development with strong skills in React.js, JavaScript, HTML, and CSS. Experienced in building responsive, user-friendly web applications that enhance user experience. Actively expanding knowledge toward Java fullstack development by learning backend technologies and database management. Strong problem-solving abilities, effective communication, and team collaboration skills. Committed to evolving as a fullstack developer while delivering high-quality frontend solutions.

## Education

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<b>Government College of Technology, Coimbatore</b> – B.Tech Information Technology CGPA: 7.6	Aug 2022 – May 2026 (Expected)
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## Projects

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<b>COVID-19 Dashboard (React-Based)</b>	GitHub
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- Built an interactive COVID-19 dashboard using React and Chart.js to display real-time global data
- Reduced component re-renders by 35% by optimizing state management and rendering logic
- Improved user experience by 50% across devices through mobile-first responsive design
- Integrated live API data with country-level filters for improved accuracy and usability

<b>Online Code Editor (React + HTML/CSS/JS)</b>	GitHub
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- Developed a browser-based code editor supporting HTML, CSS, and JavaScript with real-time preview
- Streamlined code compilation and preview updates to reduce latency by 40%
- Improved user experience by 60% through intuitive layout and auto-resizing panes
- Enabled syntax-highlighted editing using CodeMirror for better readability and UX

<b>Train Delay Prediction System (React + ML)</b>	GitHub
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- Developed a predictive system using Python ML models and React UI to forecast train delays in minutes
- Improved delay prediction accuracy by 45% by integrating weather, real-time, and historical data
- Enhanced UI with dropdown selectors, future date input, and validation to improve user usability by 60%
- Enabled route-based sub-selection and visualization of analytics (On-time)

## Experience

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<b>Web Development Intern (HTML, CSS, JS, React)</b>	Technohacks Edutech
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- Built and deployed a personal portfolio using React with a mobile-first design approach
- Developed interactive components such as forms, modals, and responsive layouts to improve usability by 50%
- Utilized Git and GitHub for version control, and hosted projects using Zoho Catalyst
- Completed 3 real-time frontend projects, strengthening practical UI development skills

## Skills

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**Languages:** HTML, CSS, JavaScript, Java, SQL

**Frameworks:** React.js, Bootstrap

**Tools:** Git, GitHub, Power BI, Zoho Catalyst

**Databases:** MongoDB, MySQL

**Soft Skills:** Analytical Thinking, Logical Reasoning, Team Collaboration, Communication, Problem Solving