Pusala Kotesh

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Professional Summary

A highly motivated Computer Science student with a strong foundation in backend engineering, passionate about building secure, scalable, and high-performance server-side applications. Experienced in designing and deploying RESTful APIs, managing relational and NoSQL databases, and implementing robust authentication and authorization systems. Proficient in Node.js, Express.js, MongoDB, and MySQL, with hands-on experience delivering production-ready backend services. Adept at solving complex algorithmic challenges, optimizing system performance, and writing clean, maintainable, and well-documented code.

Education

Chaitanya Bharathi Institute of Technology   *Hyderabad, Telangana*
Bachelor of Engineering in Computer Science   *Graduation: June 2027*
GPA: 8.13/10.0

Experience

Frontend Developer Intern - Edunet Foundation – IBM SkillsBuild   *August 2025 – Present*

- Developed responsive and interactive user interfaces using React.js, ensuring cross-browser compatibility and optimized performance.
- Implemented reusable UI components and state management with React Hooks to streamline frontend development.
- Integrated RESTful APIs for dynamic data rendering and improved overall user experience.
- Collaborated with design and backend teams to deliver scalable full-stack features within deadlines.
- Enhanced application performance by optimizing rendering logic and minimizing bundle size.
- Actively participated in IBM SkillsBuild learning modules on cloud, AI, and web technologies to strengthen industry-ready skills.

Junior Developer - CBIT CDSC Club   *August 2025 – Present*

- Contributed to multiple team projects focusing on web development and backend solutions.
- Assisted in building full-stack applications using React, Node.js, Express.js, and MongoDB.
- Collaborated with senior developers to design scalable APIs and optimize database structures.
- Participated in coding discussions, peer reviews, and workshops to improve team productivity and knowledge sharing.

Projects

Portfolio Website   *Technologies: React,Bootstrap, Node.js,Express.js*
Live: pusalakotesh-portfolio.netlify.app

- Designed and developed a personal portfolio website to showcase projects and skills.
- Implemented responsive UI with modern design practices for better user experience.
- Deployed the website to Netlify for professional online presence.

React Calculator   *Technologies: React, JavaScript, CSS*

- Built an interactive calculator with dynamic state management using React hooks.
- Implemented arithmetic operations with clear error handling for invalid inputs.
- Focused on clean UI design and optimized rendering for better usability.

Netflix Clone   *Technologies: React, Node.js, Express.js, TMDb API*

- Built backend routes to fetch and serve movie data from TMDb API to the frontend.
- Managed API requests with caching strategies to improve performance.
- Applied asynchronous programming and error handling for smooth data loading.

Skills

- **Programming Languages:** Python, Java, JavaScript
- **Frontend Development:** React, HTML, TailwindCSS,Bootstrap, JavaScript
- **Backend Development:** Node.js, Express.js, RESTful APIs, Authentication & Authorization
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Core CS Concepts:** Data Structures and Algorithms (DSA)
- **Tools & Technologies:** Git, GitHub, VS Code, Postman
- **Soft Skills:** Problem-solving, Collaboration, Quick Learner

Certifications & Achievements

- HackerRank: SQL Intermediate Certificate
- Internshala: Web Developer Certificate
- NPTEL: Data Science For Engineers
- LeetCode: 100+ consecutive days of coding, demonstrating consistent problem-solving skills.