Prakhar Singhal

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Summary

Final-year **B.Tech Computer Science** student with hands-on experience in **full-stack development** and building real-world projects. Seeking a software engineering role to apply practical skills, solve **real-world** problems, and contribute to building **scalable**, **reliable** applications in a **collaborative environment**.

Education

BTech in Computer Science   2022 – Present
Jaipur Engineering College and Research Centre   *(Graduation: 2026)*
- CGPA: 8.96

Skills

Programming Languages: C++, C, JavaScript.
Frontend: React.js, HTML, CSS, Bootstrap, Tailwind CSS
Backend & Database: Node.js, Express.js, MongoDB, RESTful API development.
Tools: Git, GitHub, Jira, Vs Code.

Internship

Project Intern   *Remote*
Hewlett Packard Enterprise   *Feb 2025 – July 2025*
- Engineered and developed robust frontend modules using React.js and backend services with FastAPI for an internal AI chatbot, significantly **improving issue resolution speed by 30%** for service engineers.
- Actively collaborated within a **5-member** Agile development team, participating in daily meetings, maintaining GitHub repositories and conducting thorough code reviews (PRs).

Projects

Orbit - Life Cycle Management Chatbot   *GitHub*
- Spearheaded the development of a full-stack AI chatbot, specifically designed to empower service engineers with efficient troubleshooting of complex system issues.
- **Achieved a 30% reduction in debugging time** for service engineers by providing an intuitive and rapid problem-solving tool.
- Tools Used: React.js, FastAPI, RESTful APIs, Git/GitHub

BookWorm - A Library Management Tool   *GitHub*
- Built a full-stack Library Management System with features like book issue/return tracking, OTP-based user registration, and automated due date email reminders using cron jobs and Nodemailer.
- Tools Used: MongoDB, Express.js, React, Node.js, Mongoose, Git/GitHub

Quiz Time - A Lightweight Quiz Application   *GitHub*
- Built a quiz application with real-time scoring and interactive question flow, enhancing user engagement through intuitive UI and instant feedback.
- Tools Used: HTML, CSS, JavaScript, Git/GitHub

Achievements

Smart India Hackathon 2023: Ranked among the Top 15 teams out of 120+ for building an innovative solution to a real-world problem.
Certified System Administrator (CSA) – ServiceNow: Validated core administrative skills on the ServiceNow platform.
Certified Application Developer (CAD) – ServiceNow: Certified for building, testing, and deploying applications on the ServiceNow platform.