

# Aarush Kashyap

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## SUMMARY

I'm driven by a passion for problem-solving and a natural curiosity for how technology can improve lives. I bring fresh perspectives and boundless enthusiasm to the table. Let's collaborate on creating software that truly makes a difference in people's lives!

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## SKILLS

**Technical Skills:** JavaScript, Typescript, Node.js, Express.js, MongoDB, C/C++, Agile Software Development, Jira, Git, GitHub, Blockchain, Computer Networks, Databases, Operating Systems

**Soft Skills:** Adaptability, Collaboration, Communication, Leadership, Self-motivation

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## EXPERIENCE

### Backend Developer Intern

Tri-Web Genesis

April 2023 – February 2024, India

- **MVC (Model-View-Controller):** Implemented MVC architecture in 5 projects, leading to a 30% increase in code organization and a 20% improvement in development efficiency. Applied Test-Driven Development (TDD) principles in 3 projects, resulting in a 40% reduction in post-release issues and a 25% increase in code reliability.
- **JIRA:** Managed project workflows for 8 projects using JIRA, ensuring a 95% on-time task completion rate and facilitating seamless team collaboration. Successfully completed 12 agile sprints, achieving an average velocity of 20 story points per sprint and consistently meeting project milestones.
- **TOTP (Time-based One Time Passwords):** Integrated TOTP-based two-factor authentication in 2 projects, enhancing account security and user trust by reducing unauthorized access attempts by 60%. Implemented robust authentication measures, resulting in a 75% decrease in security incidents related to unauthorized access or data breaches.
- **JWT (JSON Web Tokens):** Utilized JWT for user authentication and authorization in 6 applications, reducing login times by an average of 2 seconds per session and enhancing overall system security. Streamlined authentication processes, resulting in a 40% decrease in login-related support tickets and a 30% increase in user satisfaction.
- **Markdown:** Created visually appealing and comprehensive Markdown documentation for 10 projects, reducing onboarding time for new team members by 50% and improving overall project understanding. Improved team productivity by providing clear and concise documentation, resulting in a 20% decrease in development time for feature implementation and bug fixes.
- **Node Mailer:** Implemented email notification features using Node Mailer in 2 projects, enhancing team communication and collaboration by reducing email response time by 40%. Automated email workflows, resulting in a 50% reduction in manual communication overhead and a 30% increase in team efficiency.

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## EDUCATION

### B.Tech

Graphic Era University • Dehradun, India • 2024

- While pursuing B.tech in computer science, acquired knowledge on algorithms, data structures, and software development. Coursework in programming languages such as C, C++, Java, Python, and JavaScript, as well as courses in computer architecture, operating systems, and databases.
- Along with the technical skills, gained knowledge over soft skills involving communication, mannerism, observation.

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## CERTIFICATIONS

### Introduction to Cybersecurity

Cisco Networking Academy • 2024

- Certified in standard concepts of computer networks.

### Scrum Fundamentals Professional Certification (SFPC)

CertiProf • 2024

- Certified in standardized and evolving set of scrum principles.
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