

# Shruti Singh

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## SUMMARY

Aspiring Software Development Engineer with strong foundation in full-stack development. Proficient in C/C++, Java, Python, JavaScript, and TypeScript with hands-on experience in React.js, Node.js, Express.js, Django, and database management using MongoDB, MySQL. Strong understanding of data structures and algorithms, object-oriented programming, and software development lifecycle. Proven ability to work in agile environments, collaborate with cross-functional teams, and deliver high-quality code through testing, debugging, and code reviews.

## EDUCATION

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|---|-------------------------|
| <b>Indian Institute of Information Technology Nagpur, Maharashtra, India</b>                | July 2022– June 2026    |
| Bachelor's degree in Electronics and Communication Engineering (Computer Engineering focus) | <b>CGPA: 8.26</b>       |
| <b>Kendriya Vidyalaya (Class 12) , Kolkata, West Bengal, India</b>                          | <b>95%</b>   June 2022  |
| <b>Maheshwari Girls' School (Class 10), Kolkata, West Bengal, India</b>                     | <b>90%</b>   March 2020 |

## TECHNICAL SKILLS

|                                  |   |
|----------------------------------|---|
| <b>Programming Languages:</b>    | Java, C/C++, Python, JavaScript, TypeScript.  |
| <b>Web Technologies:</b>         | Node.js, Express.js, React.js, HTML, CSS, AngularJS, Django, RESTful APIs   |
| <b>Databases:</b>                | MongoDB, MySQL, SQL, Database Management.   |
| <b>Tools &amp; Technologies:</b> | Git, Object-Oriented Programming, Data Structures and Algorithms, System Design.  |
| <b>Soft Skills:</b>              | Problem Solving, Critical Thinking, Team Collaboration, Communication Skills, Time Management, Adaptability, Analytical Skills. |

## PROJECTS

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|--|---------------------|
| <b>Notify Web Framework</b>   ReactJS, NodeJS, ExpressJS, MongoDB, Git.   <b>Check Notify</b>  | Dec 2024 – Feb 2025 |
| <ul style="list-style-type: none"><li>Engineered full-stack web application for 100+ hostel residents to streamline communication and eliminate message loss in multiple group chats using React.js, Node.js, Express.js, and MongoDB</li><li>Designed and implemented RESTful APIs with request-response system architecture, notification services, and automated contact sharing functionality with 12-hour auto-regeneration feature</li><li>Optimized system performance by 35%, reduced communication channels from 50+ to single platform, improved user experience through structured backend architecture and database management</li></ul> |                     |
| <b>ShopWonders E-Commerce Platform</b>   ReactJS, NodeJS, ExpressJS, MongoDB, Git.   <b>ShopWonders</b>  | Apr 2024 – Oct 2024 |
| <ul style="list-style-type: none"><li>Created for hostel shop vendors to expand their market reach and increase sales through digital platform with multiple product categories</li><li>Implemented comprehensive e-commerce solution with Razorpay payment gateway supporting cash-on-delivery and card payments for 250+ users</li><li>Increased hostel shop sales significantly while enhancing backend performance by 40% through optimized API architecture and scalable system design</li></ul>  |                     |
| <b>GameGenesis Interactive Platform</b>   HTML, CSS, JavaScript, Git.   <b>Explore GameGenesis</b>   | Jan 2024 – Mar 2024 |
| <ul style="list-style-type: none"><li>Designed for gaming enthusiasts (adults and kids) who want to explore the gaming world but lack guidance and information</li><li>Developed platform featuring game purchases, informational blogs, video content, gaming accessories, and live streaming with categorized content for different age groups</li><li>Successfully supported 100+ gaming titles with integrated e-commerce functionality, providing comprehensive gaming ecosystem for users</li></ul>  |                     |

## EXPERIENCE

|  |                      |
|--|----------------------|
| <b>Software Development Engineer Intern</b>   <b>Bluestock</b>   Bengaluru, Karnataka, India   | Jan 2025 – June 2025 |
| <ul style="list-style-type: none"><li>Developed and maintained scalable backend applications using Node.js, Express.js, AngularJS, Django, and Spring Boot serving 2000+ active users, implementing RESTful APIs and architecture that improved overall system performance by 20% and reduced response times significantly</li><li>Collaborated extensively with cross-functional teams including product managers, designers, and senior engineers to design, develop, and deploy full-stack solutions using React.js, SQL databases, and modern JavaScript frameworks while conducting thorough code reviews, unit testing, and debugging processes</li><li>Enhanced development workflow by creating comprehensive technical documentation, and implementing agile development methodologies including daily standups, sprint planning, and retrospectives, resulting in 30% faster feature delivery and improved code quality standards</li><li>Gained hands-on experience with enterprise-level technologies including Spring Boot for backend services, SQL database optimization, and modern development tools while contributing to critical business features and system integrations</li></ul> |                      |

## LEADERSHIP & CAMPUS ENGAGEMENT

- Lead, Google Developer Student Club:** Led 50+ members through software development workshops and projects, mentoring on Data Structures and algorithms while demonstrating technical leadership capabilities.
- Lead, Technical & Cultural Fest:** Managed large-scale event applications showcasing strong project management abilities and collaborative skills in cross-functional team environment.