

AVINASH KUMAR JHA

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WORK EXPERIENCE

- Gen Skytech - Trainee Software Engineer** Feb 2025 - present
- Built high-performance **RESTful APIs** (Laravel/Node.js) — reduced response time by 30% and improved frontend-backend integration.
 - Integrated JWT-based user authentication and granular permission management, strengthening application security and streamlining the onboarding workflow.
 - Conducted code reviews and applied best practices, reducing post-deployment bugs by 15%.
 - Consistently delivered backend solutions on time across multiple Agile sprints for client projects.

SKILLS

Languages:	C, C++, Python, Java, JavaScript, PHP, SQL, HTML, CSS
Frameworks & Libraries:	Laravel, Node.js, Express.js, React.js, Next.js
Databases:	MySQL, MongoDB
Tools & Platforms:	Git, GitHub, Postman, VS Code

EDUCATION

- Bachelor of Engineering in Information Technology** 2021 - 2025
University Institute of Technology, The University of Burdwan
CGPA: 8.32
- Higher Secondary (XII), BSEB** 2021
Percentage: 77.4%

PROJECTS

- eLearning Platform** May 2025
- Ensured zero security breaches by implementing JWT authentication and role-based access control to protect sensitive user data.
 - Developed and refined 10+ RESTful CRUD APIs for course content management, achieving a 35% reduction in API response time and enhancing content delivery efficiency.
- ERP System for Billing Management** August 2025
- Developed invoice generation, automated financial reporting, and ledger reconciliation modules, streamlining accounting workflows for end users.
 - Implemented robust SQL database schema and optimized queries, reducing monthly report generation time by 40%.

CERTIFICATIONS / RELEVANT WORK

- **Solved 400+ Data Structures and Algorithms (DSA)** problems on platforms like [GeeksforGeeks](#), [CodeChef](#) (rating: 1603), and [Codeforces](#) (rating: 1183).
- **Secured Global Rank 184** in [Starters 118 Division 3](#) on CodeChef and **Achieved Global Rank 96** in CP Potpourri at Shaastra 2024.