

Abhishek Kumar

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🌐 15-abhishek

WORK EXPERIENCE

HealthKart

SDE Intern

Dec 2024 - Mar 2025

- Legacy System Modernization : Migrated outdated JSP components to modern HTML Thymeleaf, boosting site efficiency by 40% and enhancing user responsiveness.
- Enhanced Security Protocols : Upgraded legacy authentication using advanced Spring Security, significantly reducing vulnerabilities and fortifying data protection.
- Optimized Data Architecture : Developed and implemented a streamlined DTO/DAO pattern that reduced redundant code and improved backend performance by over 25%.
- UI/UX Redesign & Maintenance : Contributed to technical development and interface enhancements, increasing user engagement by 30% while reducing system errors by 40%.
- Robust Technical Integration : Leveraged Spring Boot, MySQL, MongoDB, and Postman API to optimize backend operations, achieving a 25% boost in data processing speed.

Telic

SDE + AI Intern

Aug 2024 - Dec 2024

- Engineered robust full-stack solutions : Leveraged the MERN stack and PostgreSQL to integrate AI models that automated up to 75% of key processes : resulting in a 50% reduction in manual labor.
- Collaborated cross-functionally with design, product, and engineering teams, driving a 50% improvement in user satisfaction and overall performance also reducing time-to-market.
- Streamlined deployment pipelines and refined application architecture, boosting system performance by 25%.

National Institute of Technology Patna

Research Intern

Jan 2024 - July 2024

- Led research on Multi-Author Identification using PAN23 dataset, achieving 87% model accuracy with DL.
- Curated the first comprehensive Maithili language dataset, increasing resource accessibility by 100%

EDUCATION

National Institute of Technology Patna

Bachelor of Technology (Computer Science and Engineering) - CGPA : 8.2 / 10

Dec 2021 - June 2025

PROJECTS

CareConnect

Aug 2024

- Engineered a full-stack healthcare solution to streamline patient registration, appointments, and record management.
- Developed a role-based admin dashboard and integrated Twilio for SMS notifications alongside Sentry for real-time error tracking and robust security.

SKILLS

Programming Languages : Java, Python, HTML, CSS, JavaScript, TypeScript

Frameworks & Tools : Spring Boot, Node JS, React JS, Angular JS, Vue JS, Next.js, Spring Boot

General Tools: Git, GitHub, Pandas, TensorFlow, Deep Learning, Tableau, Jupyter, Microsoft Azure, Google Cloud Platform, Firebase, MongoDB, SQL, NoSQL, UNIX, Linux

ACHIEVEMENTS

- Secured Global rank of 32 in START147 , 53 in START167 , 83 in START160 [CodeChef](#).
- Specialist at [Codeforces](#).
- 4 Star coder at [CodeChef](#).
- Knight badge at [Leetcode](#).
- 7 Kyu at [Atcoder](#).
- Hackathons : Byteverse : Self Health : Secured global rank 30
- Hackathons : HackNITP 4.0 : Induko Education : Secured global rank 13 in Education domain
- [Amazon ML Summer School](#) Certified
- [Microsoft Azure AI](#) Skills
- Runner up in Debate. Bronze in Football twice.