

TANU KUMAR

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Experience

HashPunch LLP

June 2025 – August 2025

Software Developer Intern

Maharashtra

- Built scalable APIs for AI tools (GitHub Issue Generator, Intent Classifier, Bug Detector) using Node.js, Express, MongoDB; reduced API response time 40 percent.
- Developed customer support ticket automation in an ITSM tool to auto-classify, prioritize, and route issues, improving resolution time.
- Added automation functional tests to ensure API reliability, collaborated with product managers and engineers to deliver widely adopted customer-facing features.
- Integrated AWS CloudWatch for monitoring and telemetry; led backend deployment on AWS EC2, S3, Lambda.

Projects

MedClerk – AI-Powered Medical Report Organizer | *React.js, Node.js, Express.js, MongoDB, OpenAI API, JWT*

- Developed an AI-powered platform to analyze medical reports and generate smart doctor recommendations.
- Implemented automated appointment scheduling and health tracking features for patients.
- Ensured secure data management with authentication and role-based access control.
- Streamlined medical record organization, improving efficiency for both patients and healthcare professionals.

Talent Trek. | *React.js, Node.js, Express.js, Mongo DB, Open AI*

- Built a full-stack job portal using the MERN stack, facilitating efficient and effective connections between recruiters and candidates.
- Developed an AI-powered resume screening system to automatically analyze and shortlist qualified applicants.
- Implemented a smart job recommendation feature that suggests roles based on user skills and interests
- Designed secure backend APIs for authentication, job posting, and application management using Node.js and Express.js, and built a responsive, user-friendly frontend with React.js to deliver a smooth experience across all devices.

Engineering Bug Handler | *Node.js, Express.js, GitHub API, MongoDB, Google Sheets*

- Built a backend automation tool that automatically creates and manages GitHub issues for reported engineering bugs.
- Integrated the GitHub API to handle issue creation, status updates, and comments directly from the system.
- Designed RESTful APIs for raising tickets, updating progress, and tracking bug resolutions efficiently.

Education

KCC Institute Of Technology And Management

Sep 2022 – Present

BTech in Computer Science and Engineering (AIML)

Greater Noida, UttarPradesh

Technical Skills

Languages: C++, C, Python, JavaScript, TypeScript, SQL

Frameworks/Libraries: HTML, Tailwind CSS, React.js, Node.js, Express.js

Databases: PostgreSQL, MySQL, MongoDB

Tools/Platforms: Git, GitHub, Postman, VS Code, Google Apps Script, Slack

Concepts/Methodologies: SDLC, OOPS with C++, Testing, Product Management, Incident Management

Relevant Coursework

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|------------------------|-----------------------|---------------------------|---------------------|
| • Data Structures | • Algorithms Analysis | • Artificial Intelligence | • Computer Networks |
| • Software Engineering | • Database Management | • Machine Learning | • Operating System |

Achievements

- Maintained a CGPA of **8+**, excelling in core subjects like Data Structures, Algorithms, and Software Engineering. Solved **450+** coding challenges across platforms, demonstrating robust problem-solving skills.

Certifications

Web Development Training– HCL Tech (Completed: 18-03-2025) Covered Java, JavaScript, HTML, CSS, MySQL, and JDBC (Link). **Programming with C and C++– Internshala** 8-week online training program covering fundamental to advanced concepts (Link)

Coding Profiles

LeetCode: tanukumar01

GeeksForGeeks: tk842xmvo