

Pranshu Chaurasia

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SUMMARY

Software Engineer at HCL GUVI, building sales analytics dashboards, reporting features, and responsive web interfaces for internal ed-tech platforms. Previously built a workflow orchestration microservice (Java, Spring Boot, Temporal.io, PostgreSQL) with LLM integration and Kubernetes-based CI/CD.

EDUCATION

Indian Institute of Information Technology, Lucknow <i>M.Tech in Computer Science(Artificial Intelligence)</i>	Aug 2024 – July 2026 <i>CGPA: 7.65/10</i>
Gurukul Kangri (Deemed to be) University, Haridwar <i>B.Tech in Computer Science and Engineering</i>	<i>CGPA: 8.16/10</i>

EXPERIENCE

Developer Trainee <i>HCL GUVI, Chennai, India</i>	Jul 2026 – Present <i>Hybrid</i>
- Built a campaign performance dashboard and a new feature on DORA, the internal sales platform, to resolve lead-ownership conflicts between the sales and marketing teams. - Developed Month-over-Month and Week-over-Week revenue dashboards and a BDA performance report on DORA, giving sales leadership periodic visibility into revenue trends and team performance. - Made EMI Desk fully responsive, adapting the student-facing application form for mobile and tablet and the admin panel for varying desktop screen sizes. - Evaluated self-hosted Huly as an open-source ClickUp replacement for 50+ users; ran a local PoC with SMTP notifications, audited feature parity, and projected ~80–85% lower platform cost, while documenting migration blockers (no native ClickUp import, existing internal integrations).	
Software Engineer – Intern <i>TripFactory.com, Bengaluru, India</i>	Jan 2026 – Jul 2026 <i>On-site</i>
- Built a workflow orchestration microservice from scratch using Java 17, Spring Boot, Temporal.io, and PostgreSQL, automating supplier delivery confirmation follow-ups and escalations and reducing manual operations effort by approximately 60-70%. - Integrated OpenAI API for structured email parsing and architected a relay service layer with REST APIs, callbacks, and signal-based workflow resumption, reducing supplier response handling time from hours to around 10-15 minutes per case. - Designed a data-driven state machine with workflow graphs stored in PostgreSQL (JSONB), and contributed to Helm charts and CI/CD pipelines using GitHub Actions, Docker, AWS ECR, and Kubernetes (EKS), cutting deployment turnaround by approximately 30-40 minutes per release.	

SKILLS

Languages: Java, Python, C/C++, JavaScript, SQL
Backend: Spring Boot, REST APIs, Hibernate/JPA, JUnit, Temporal.io, Maven, Node.js
AI/ML: OpenAI API, TensorFlow, PyTorch, Scikit-learn, OpenCV
DevOps & Tools: Docker, Kubernetes (EKS), Helm, GitHub Actions, AWS ECR, PostgreSQL, Git, Linux
Frontend: ReactJS, HTML, CSS
Coursework: Data Structures & Algorithms, DBMS, OOPs, Operating Systems, Machine Learning
Soft skills: Problem Solving, Communication, Team Collaboration, Analytical Thinking

PROJECTS

Task Execution System <i>Java, Spring Boot, REST APIs, Concurrency</i>	Jan 2026
- Built a high-performance Spring Boot backend supporting up to 50 concurrent long-running tasks with controlled thread pool management. - Implemented FIFO task scheduling, safe task cancellation, and 6 REST endpoints for task submission, status tracking, and lifecycle management.	
Smart Travel Assistant <i>Java, Spring Boot, Gemini, Groq, OpenWeatherMap</i>	March 2026
- Built an AI-powered travel assistant integrating 6+ external APIs (Gemini, Groq, Bria, OpenWeatherMap, Overpass) with a Spring Boot backend, enabling itinerary generation, weather-aware packing lists, and outfit visualization. - Engineered multi-provider LLM routing across 6+ independent service classes with async polling, rule-based orchestration, and automatic failover, ensuring resilient API-failure recovery with zero single-provider dependency.	
AI-Powered Sudoku Solver <i>Python, TensorFlow, OpenCV, Pygame</i>	May 2025
- Built CNN-based Sudoku solver achieving 95%+ digit recognition accuracy from images, with backtracking for solution. - Integrated an interactive Pygame interface with 3 difficulty levels and real-time solving hints for improved user experience.	

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals – Credential Link
Introduction to Software Product Management – Credential Link