

Harsh Kumar

📞 7703876884 ✉️ harshrathi0553@gmail.com 💼 [linkedin.com/harsh-rathi](https://www.linkedin.com/in/harsh-rathi) 🐦 [X.com](#) 🔗 [harsh-portfolio](#)

Education

K.V. No.2 Delhi Cantt, CBSE PCM with C++ (76 %)	Mar 2017 – May 2018 Delhi, Cantt
Dronacharya College of Engineering, MDU B.Tech in Computer Science & Engineering (79.8 %)	Aug 2019 – July 2023 Gurugram, Haryana

Experience

Akal Information System Pvt Ltd Software Engineer	Aug 2022 – Current New Delhi, Delhi
<ul style="list-style-type: none">• Spearheaded front-end development with Angular, consistently surpassing project timelines and expectations.• Contributed to Candidate Relationship Management, optimizing payrolling processes for employers and employees, ensuring swift and effective delivery of PF and ESI benefits.• Implemented microservices architecture using Node.js and Express, improving API response time by 25% and reducing server load by 30%.• Engineered and maintained PostgreSQL functions, optimizing performance.	

Projects

TankhaPay Angular, Bootstrap, JQuery, NodeJs, PostgreSQL	🔗
<ul style="list-style-type: none">• Led frontend development and engineered an end-to-end employee attendance and payroll system, encompassing signup, login, and onboarding processes.• Established PF and ESI benefits, tailored for blue-collar jobs, enhancing efficiency and inclusivity.• Designed and deployed a scalable RESTful API using Node.js and Express.js Framework, achieving a 30% improvement in data retrieval speed.	
TPay-Ops Angular, Bootstrap, JQuery, NodeJs, PostgreSQL	
<ul style="list-style-type: none">• Boosted team efficiency by streamlining employer onboarding (Onboarded 4,300+ clients in a year) .• Centralized Employer Ledger Management System for efficient tracking of Totals & Balances .• Automating Compliance, Payment & Billing Processes (invoices, receipts, discounts) .	
Cafe Management Angular, Bootstrap, JQuery, NodeJs, PostgreSQL, Azure	🔗
<ul style="list-style-type: none">• Ensured intuitive interfaces for user-friendly interactions.• Streamlined order processing and enforced secure billing.• Ensured robust and efficient data handling to support system functionality.• Executed strategies for secure and reliable data management.• Architected a scalable solution, integrating frontend and backend components seamlessly. Optimized cafe operations while prioritizing security with JWT authentication and efficient data handling with PostgreSQL functions.	

Achievements

- Attained the 9th position in my college during the 5th semester among 200 students, achieving a remarkable CGPA of 9.0.
- Our project qualified from the college level competition at the Smart India Hackathon (SIH), where over 30 teams participated .
- Published research paper: Management of geospatial data using blockchain (April 8, 2023) .

Technical Skills

Languages: TypeScript, JavaScript, Java, Basics of C/C++

Technologies: HTML5, CSS, Angular, Express.js, jQuery, Bootstrap, Node.js, Basics of PostgreSQL, Git