

Raman Kumar

Software Development Engineer

✉ raman2407kumar@gmail.com ☎ +91-9119983541 📅 24/July/1999 🔗 [linkedin.com/in/raman-kumar-b5635924a](https://www.linkedin.com/in/raman-kumar-b5635924a)

TECHNICAL SKILLS

Languages: Python, Java, Javascript C++, C, Linux, OOPs.
Frameworks: Springboot, Dotnet, Expressjs, Reactjs.
Databases: Postgres, SQLServer, SQL, MongoDB.
Tools: Git, Postman, VSCode.
Cloud Services: AWS, Twilio API

PROFESSIONAL EXPERIENCE

Software Development Engineer <i>Surya Financial Technologies Pvt Ltd</i> <ul style="list-style-type: none">Developed banking web applications; enhanced inhouse code generator.Proposed adoption of T4 templates for maintainable code generation.Created end-to-end CRUD APIs for risk assessment workflows.Improved maker-checker workflows using autoflow integration.Migrated configuration to a dynamic UI for easier maintainability.Debugged and resolved exception handling bugs by root-cause tracing.	04/2024 – present Bengaluru, India
Software Development Engineer <i>Surya Digitech Pvt Ltd</i> <ul style="list-style-type: none">Set up CI pipelines using GitHub Actions; integrated Megalinter for code quality.Benchmarked performance of ClickHouse vs PostgreSQL using Docker.Contributed to the Khazana project's CRUD modules and validations.Enhanced tooling using Clikt for CLI parsing; improved documentation.Updated frontend templates and hosted Storybook on AWS.	01/2023 – 04/2024 Bengaluru, India
Software Developer Intern <i>Shadowfax Pvt Ltd</i> <ul style="list-style-type: none">Worked on Payouts team using Django framework.Gained hands-on debugging skills and understanding of payment systems	01/2022 – 04/2022 Bengaluru, India

PROJECTS

Social Distancing Detector <ul style="list-style-type: none">YOLO object detector identifies persons in a frame and calculates pairwise distances between them.If any distance is below the specified threshold, it is flagged as a social distancing violation, and an alert is sent to security if the violations exceed a set limit.Tech Stacks: OpenCV, Computer Vision, and deep learning, Python, Twilio API, Yolo ML Model.	
Travel Experience Website <ul style="list-style-type: none">This is a MERN stack application showcasing trips, photos/videos and reviews of visited placesTech Stacks: MongoDB, Expressjs, Reactjs, Nodejs and Javascript.	

EDUCATION

Bachelor's of Engineering (Information Science and Engineering) <i>R.V. College of Engineering</i>	08/2018 – 08/2022 Bengaluru, India
Class XII <i>Kendriya Vidyalaya I.I.T.Kanpur</i>	04/2016 – 04/2017 Kanpur, India

CERTIFICATES

Java Programming VARARGS INSTITUTE Gained proficiency in object-oriented programming, data structures, exception handling, and core Java APIs through structured training and hands-on coding.	
Introduction to Programming in C NPTEL Gained hands-on experience in writing efficient and reliable C programs, reinforcing problem-solving and algorithmic thinking skills.	
Artificial Intelligence: Search Methods for Problem Solving NPTEL Gained a solid understanding of search strategies like BFS, DFS, A*, and heuristic-based approaches for solving complex problems in AI.	
Scrum Fundamentals for Scrum Master and Agile Projects UDEMY Gained foundational knowledge of Scrum roles, ceremonies, and artifacts, with a focus on Agile project management principles.	