

Abhishek Kumar

Developer

✉ abhi.kr.1307@gmail.com ☎ +91 8210580073 [in](#) LinkedIn [G](#)itHub [P](#)ortfolio

PROFILE

Enthusiastic and detail-oriented Full Stack Developer with hands-on experience in building scalable web applications, backend APIs, and data-driven solutions. Proficient in JavaScript, TypeScript, Python, SQL, and skilled in modern frameworks like React.js, Node.js, Express.js, and PostgreSQL. Strong problem-solving foundation in DSA & OOPs, with experience in Agile workflows, Git/GitHub collaboration, and CI/CD pipelines. Seeking to contribute to impactful software projects while growing as a developer.

EDUCATION

Masters in Computer Applications

Dehradun, India

University of Petroleum and Energy Studies

- Subject Electives : Artificial Intelligence and Machine Learning
- Graduated with an 8.53 overall CGPA

Bachelors in Computer Applications

Bengaluru, India

Bangalore University

- Graduated with an 8.5 overall CGPA

WORK EXPERIENCE

Quantitative Development/Backend Development Intern

Remote

Pi42 (Crypto Exchange)

- Built CRUD APIs with Node.js, Prisma ORM, PostgreSQL
- Hands-on with data modelling, API integration, and backtesting algorithms.
- Contributed to multiple team-based projects in agile setups.
- Participated in debugging, testing, and collaborative Git workflows.

Machine Learning Intern

Remote

Phemesoftware Pvt Ltd

- Developed a Python-based AI recommendation system under IBM mentorship.
- Designed modular, testable code and documented solution workflows.

SKILLS

- **Languages:** JavaScript, TypeScript, Python, SQL, Java, C#
- **Frontend:** React.js, HTML5, CSS3, Chakra UI, Tailwind CSS
- **Backend:** Node.js, Express.js, NestJS, Prisma, AWS
- **Databases:** PostgreSQL, MySQL, MongoDB
- **APIs & Tools:** REST APIs, Swagger, Prisma ORM, Docker, CI/CD
- **Version Control:** Git, GitHub
- **Other:** Data Structures & Algorithms, OOP, Agile Development, Unity, Machine Learning, Generative AI, Large Language Models

PROJECTS

Interactive User Relationship & Hobby Network [🔗](#)

- Real-time visualization of user connections and popularity scores
- Dynamic creation and management of users, friendships, and hobbies
- Smart relationship graph using React Flow for interactive node mapping
- RESTful APIs with Express.js and robust MongoDB integration
- Smooth and responsive UI with animation powered by Framer Motion
- Tech Stack: Frontend: React, TypeScript, Vite, Framer Motion, React Flow Renderer, CSS
- Backend: Node.js, Express.js, TypeScript, MongoDB (Mongoose ORM)
- Deployment: Render (Backend), Vercel (Frontend)

Agent Distribution Full Stack Application [🔗](#)

- Built a full-stack Agent Distribution System using the MERN stack (MongoDB, Express.js, React.js, Node.js) that enables an Admin to efficiently manage agents and automate task distribution.

- Secure JWT authentication for admin login.
- Agent management (add/delete agents with validation)
- CSV/XLSX upload and data validation using Multer, csv-parse, and xlsxAutomatic equal lead distribution among all active agents
- Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Multer, csv-parse

Store Rater (Full Stack App)

- Built a full-stack MERN application enabling users to rate and review registered stores.
- Implemented role-based authentication with distinct access levels for admins and users.
- Designed and optimized store rating APIs with secure PostgreSQL integration.
- Tech Stack: React.js, Node.js, Express.js, PostgreSQL

Workflow Automation

- Developed a workflow automation platform to handle repetitive tasks through API integrations and LLMs.
- Implemented Express.js backend services with PostgreSQL for efficient task management.
- Built a Reach.js frontend for seamless user interaction and real-time updates.
- Tech Stack: React.js, Express.js, Node.js, PostgreSQL, GEN AI, LLMs

ACHIEVEMENTS & STRENGTHS

- Strong foundation in DSA, OOP, and scalable system design.
- Built end-to-end applications with frontend, backend, and databases.
- Adaptable and quick learner with experience across web AI and game development as well.
- Effective communicator and team player in Agile development environments.