

Kumar Gaurav

Engineering Manager

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ABOUT ME

Engineering Manager with deep expertise in software development and team leadership, driving scalable, high-impact solutions. Proven track record managing cross-functional Agile/Scrum teams, implementing SDLC best practices, and overseeing complex projects. Skilled in JavaScript, Python, AWS, and DevOps, fostering collaborative environments to achieve organizational goals.

SKILLS

Programming Languages: JavaScript, TypeScript, Python

Web Technologies: NodeJS, ReactJS, NextJS, NestJS, Flask, Django, FastAPIs, ExpressJS

Database Systems: MySQL, MongoDB, DynamoDB, PostgreSQL

Data Science & Machine Learning: Kinesis, Pandas, AWS Glue, Datalake, Athena

Cloud Technologies: AWS, GCP

DevOps & Version Control: Github, Gitlab, Terraform, Cloudformation, Code Pipeline, Elastic Beanstalk

Research Skills: Leadership, Resource Management, Task Allocation, Scrum Master, Agile

WORK EXPERIENCE

Redrob by McKinley Rice

Engineering Manager (M5)

Noida (UP), India

Jan 2024- Present

Redrob is an **AI-powered B2B lead generation** platform that helps businesses quickly find and connect with decision-makers at high-intent companies using **smart filters and buying intent signals**. It automates outreach and prospect research, delivering verified contact data and actionable insights to streamline sales and increase qualified meetings.

- Achieved successful product **scaling from Seed to Series A funding**, utilizing **AWS (Code Pipeline, ECS), Vercel, Railway, Redis, GCP (Gmail APIs, SSO, cloud tasks), and MongoDB** to support a **200% user base growth**, and now strategically advancing towards **Series B** funding objectives.
- Architected and integrated scalable feature solutions using **JavaScript, TypeScript, MongoDB, and AWS**, enhancing platform performance and **functionality by 30%**.
- **Led a cross-functional team** (10 developers, 5 designers) to consistently deliver **high-quality releases** on time, enhancing **product stability and customer retention**.
- Partnered with cross-departmental teams to deliver **zero-defect releases** using **NodeJS (NestJS), NextJS, and CI/CD pipelines**, boosting client **satisfaction scores by 25%**.
- Drove a **15% revenue increase** through client-facing solution delivery, leveraging **NodeJS, AWS, and ReactJS** to develop tailored, high-impact features.

Xebia India

Lead Consultant

Gurugram (HR), India

Feb 2023 - Jan 2024

Xebia is a pioneering Software Engineering and **IT consultancy company**, transforming and **executing at the intersection of Domain and Technology** to create digital leaders for our people, clients, partners, and communities.

- Spearheaded code quality assurance for **Delta Airlines** using **Python** and **GitLab**, achieving **95% maintainability scores** and **reducing technical debt by 50%**.
- Directed a team of 9 on-shore and off-shore developers with **Agile** and **Scrum methodologies**, delivering the Delta Airlines project **20% ahead of schedule**.
- Enhanced Delta Airlines **system performance** with **AWS**, **Python**, and **DynamoDB**, achieving **99.9% uptime** and cutting **latency by 35%**.
- Researched and integrated **AWS EventBridge**, **Pipes** and **Glue** to optimize Delta Airlines' **data pipelines**, accelerating data processing **speed by 40%** and reducing analytics delays.
- Streamlined CI/CD pipelines using **CloudFormation** and **GitLab**, **reducing deployment time by 25%**, ensuring seamless releases for **Delta Airlines**.

McKinley Rice

Senior Full-Stack Developer >> Assistant Chief Developer >> Senior Technical Lead

Noida (UP), India

Jan 2023 - Sep 2019

McKinley Rice is a **global HR and outsourcing leader**, empowering innovative companies by connecting them with top-tier talent and **seamless cross-border solutions**.

- Architected and developed company-wide platforms (Safework Dashboard, Dock Application, External Admin Dashboard) at **StrongArm Technologies** using **ReactJS**, **Python (Fast API)**, **React Native** and **AWS**, **improving system efficiency by 30%**.
- **Led** cross-departmental teams of **6-23 members** using **Agile** and **Scrum**, achieving **100% on-time delivery** of updates and resolutions for StrongArm Technologies.
- **Directed R&D** and deployment of complex solutions with **Python**, **FastAPI**, and **AWS**, boosting **performance by 40%** and ensuring **high-quality delivery**.
- Delivered technical **mentorship** to clients and developers, optimizing environments with **TypeScript**, **Python**, and **MySQL**, **reducing latency by 25%**.
- Oversaw **code quality** and **performance**, achieving **98% compliance** with industry standards and streamlining **documentation processes**.
- Partnered with cross-functional teams to define requirements and **deploy scalable solutions** using **AWS (Terraform)**, **MySQL** and **GitHub actions**, supporting a **50% increase in user capacity**.
- Drove **cost-saving initiatives** via **PySpark** data analysis, **cutting operational costs by 15%** while leading projects to enhance efficiency.
- Enhanced UniCon project security with **ExpressJS**, integrated **third-party APIs**, and **developed reusable NodeJS** code, reducing **future development time by 20%**.

TechFerry

Software Engineer

Noida (UP), India

Jun 2018 - Sep 2019

TechFerry is a **data-driven technology** partner specializing in **software development, AI/ML solutions**, and enterprise-grade products to **accelerate business success**.

- Crafted detailed project specifications and user-focused websites using ReactJS and NextJS, aligning with business goals and boosting user engagement by 25%.
- Partnered with engineers to optimize software-hardware interfaces using NodeJS and AWS, improving platform functionality and reducing response times by 30%.
- Designed and implemented backend systems for Placester using NodeJS, MongoDB, supporting a 40% increase in web traffic capacity.
- Developed and integrated RESTful APIs with NodeJS and AWS, enabling seamless cloud data access and enhancing mobile/web app functionality by 35%.
- Built custom mobile apps for Notal Vision using native technologies and TypeScript in an Agile environment, incorporating customer feedback to improve usability by 20%.

Genesis Futuristic Technologies

Software Engineer

Noida (UP), India

Jul 2015 - May 2018

Genesis Gas Solutions Pvt. Ltd. is an **innovation-driven company delivering advanced gas metering** and smart energy solutions for the **global City Gas Distribution** industry..

- Partnered with stakeholders in proposal and design phases, leveraging Agile best practices to align solutions with creative objectives, achieving 100% stakeholder approval.
- Implemented SDLC best practices in an Agile environment, delivering rapid iterations with TypeScript and NodeJS, meeting client requirements 15% ahead of schedule.
- Collaborated in a cross-functional, deadline-driven team with client services, sales, and design, using ReactJS and Scrum to deliver high-quality solutions with 98% client satisfaction.
- Built efficient, maintainable software solutions with JavaScript, HTML, CSS, MongoDB, and ExpressJS, reducing codebase maintenance time by 25% while meeting business goals.
- Designed and executed testing protocols using Python, resolving system issues to achieve 99.9% reliability and a 20% performance boost.

Education

GRADUATION

Bachelor's in Information Technology

Ajay Kumar Garg Engineering College

2011-2015

Ghaziabad (UP), India

SCHOOL

High School (CBSE)

Kendriya Vidyalaya

2011

Noida (UP), India