Kartik Kashyap

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PROFESSIONAL EXPERIENCE

Atrina Technologies | *Senior Software Engineer* | *Nest.js, Next.js, AWS, PostgreSQL*   Jul. 2024 – Present

- Building and scaling a peer-to-peer finance platform from scratch, focusing on backend infrastructure, borrower-lender flows, and credit risk systems.

LenDenClub | *Software Development Engineer* | *Django, React.js, AWS, PostgreSQL*   July 2024 – April 2024

- Integrated Appsflyer attribution platform in retail and Drona CRM in channel partner businesses, leading to a 28% reduction in funnel drop rate by identifying lender pain points.
- Automated the lender reinvestment process by developing a job through NACH to ensure regulatory compliance for our new autolending product.
- Implemented a scheme limit control API in the Drona Dashboard to adjust scheme limits for short-term and medium-term lending, resulting in a monthly business increase of 1-2 crore.
- Optimized SQL queries to significantly reduce API response times and analyzed the codebase to address vulnerabilities identified in the SonarQube assessment.

Xoriant | *Software Engineer* | *Go, Node.js, Terraform, Azure*   July 2021 – July 2024

- Responsible for provisioning scalable and robust infrastructure on Azure and GCP using **Terraform**.
- Refactored Terraform code of Avaya (CcaaS) into modules which enhanced **readability, maintainability, reusability** of infrastructure codebase, and facilitated automated module testing.
- Designed **Terratest scripts** in **Go** to automate testing of **terraform modules** which reduced manual debugging, and reprovisioning time by **53%** on terraform cloud.
- Created golden images using Packer to create an **immutable infrastructure** reducing the boot time by **30%**, deployed them as **Docker** containers on **K8s** via **GitHub Actions.**

PROJECTS

FlyEase | *Node.js, Express, MySQL*   March 2024

- Designed and implemented a scalable Airline Ticket Booking System with Authentication, Authorization, Seat Booking, Payment Processing, and Notification Service, ensuring a seamless user experience.
- Utilized Node.js, RabbitMQ, MySQL with Sequelize ORM, and Microservices Architecture, integrating Winston Logger for efficient monitoring and debugging.

SnapCut | *React Native, Deep Learning*   August 2021

- Developed a React Native mobile application featuring BASnet algorithm for object detection and separation, enabling users to cut and paste objects directly onto a computer screen.
- Integrated OpenCV SIFT library, Adobe Photoshop, Google Cloud Vision API for OCR, and a QR code scanning feature for enhanced functionality.

SKILLS

Languages: JavaScript, Python, TypeScript, Go, SQL
Tools & Technologies: Node.js, Express, React.js, Django, AWS, Azure, Terraform, Kubernetes, Docker, Git

EDUCATION

Xavier Institute Of Engineering   Aug. 2017 to May 2021
B.E. Computer Engineering   *CGPA: 8.45/10*
Coursework: Data Structures & Algorithms, Computer Networks, Database Systems, Artificial Intelligence, Operating Systems.

ACHIEVEMENTS & CERTIFICATIONS

Top of the class with 10 SGPA, Published two research papers, Delivered Go training sessions for colleagues.

Microsoft Azure Administrator Associate, Deep Learning Specialization, Tensorflow in Practice Specialization.