Dhruv K Shetty

Full Stack Developer | Entrepreneur | Software Engineer   Start Date: Feb 5th, 2024

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EDUCATION

New York University   New York City, US

Master of Science in Computing, Entrepreneurship and Innovation. GPA : 3.87/4   *December 2023*
Teaching Assistant - DevOps and Agile Methodologies

PES University   Bengaluru, India

Bachelor of Technology in Computer Science and Engineering. GPA : 8.33/10   *May 2022*
Winner of Riskcovry Hackathon (2021), Winner of Prakalpa Ideathon (2019)

TECHNICAL SKILLS

Languages: Python, Java, C, Dart, HTML, CSS, Javascript, Go, Shell, Bash, SQL LaTeX
Frameworks: Flutter, Django, Flask, NodeJS, Angular, React, REST API, NoSQL, Hadoop, FastAPI
Tools: Git, AWS, GCP, HPC, Docker, Kubernetes, Prometheus, Grafana, Firebase, Postman, ZenHub, Trello, Jira

PROFESSIONAL EXPERIENCE

Pyramid Developers   Bengaluru, India

Chief Technology Officer, Founder   *April 2020 – March 2023*
As the founder of Pyramid Developers, I ideated, built and **delivered innovative software applications to 25+ global clientele**, achieving successful launches and market adoption.

- Engineered cross-platform applications using **Flutter**, **Firebase**, **NodeJS**, **REST APIs** + other tech stacks.
- Managed a team of 20 developers, 6 designers and 4 project managers, **boosting concurrent projects by 200%**.
- Shouldered roles of Business Analyst, Product Owner, Product Manager, Solution Architect, Developer and more.
- Improved project efficiency by 30% and cut delivery time by 50% through **Agile and DevOps practices.**
- Achieved significant results including a 45,000-user expansion across 1,090 locations, 80% operational efficiency gains, and increased customer adoption and satisfaction for diverse applications.
- Established a self-sustaining executive team, ensuring 30% company growth post my tenure.

Hewlett Packard Enterprise   Bengaluru, India

Research and Development Intern, Greenlake Data Services Cloud Console   *January 2022 – June 2022*
Constructed a monitoring platform for HPE microservices, boosting performance by 30% and enhancing platform stability by 25%.

- Developed a comprehensive platform with **50+ target points**, utilizing **Prometheus** and **Grafana**.
- Conducted thorough analysis of **15 existing GoLang** microservices.
- Collaborated effectively in a fast-paced environment, coordinating with a team of 10 to achieve project goals and deliver successful outcomes, resulting in project satisfaction above 90%.

PROJECT EXPERIENCE

Maigrate , NYU | *No-code platform to create AI copilots*   New York, USA

Entrepreneurship with Evan Korth   *May 2023 – Present*

- Engineered the **MVP**, and developed efficient integration methods reducing a customer's deployment time by 95%
- Iteratively **refined the UI** based on user feedback, enhancing user experience and improving Maigrate's market fit.

Collision Prediction and Semantic Segmentation, NYU   New York, USA

Deep Learning with Yann LeCunn   *January 2023 – May 2023*

- Developed **WNet**, a model using two UNets to **predict the semantic mask of objects** in the 22nd frame.
- Secured **2nd place** among 31 teams in the final competition consisting of PhD and Graduate students.

Recommendations Squad, E-commerce, NYU   New York, USA

DevOps and Agile Methodologies with John Rofrano   *September 2022 – December 2022*

- Developed a **RESTful Flask application** for the recommendations team with various API endpoints
- Established a reliable Postgres Database and orchestrated Docker Containers, streamlining the development workflow
- Implemented **unit test automation** with Python Testing Framework, boosting deployment speeds by 20%.

ADDITIONAL INFORMATION

More Experience: Engineering Intern at Riskcovry, Student Brand Manager at Red Bull, President of ECell.
Interests: Volunteering (Jyoti Program, 5 years teaching underprivileged kids), Volleyball (State Team)