

DHRUV K SHETTY

Full Stack Developer | Entrepreneur | Software Engineer

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EDUCATION

New York University - Courant Institute of Mathematical Science & Stern School of Business New York, US
Master of Science in Computing, Entrepreneurship and Innovation. GPA : 3.88/4 July '22 - December '23

Teaching Assistant - DevOps and Agile Methodologies.

PES University

Bachelor of Technology in Computer Science and Engineering.

Winner of Riskcovry Hackathon (2021), Winner of Prakalpa Ideathon (2019).

Bengaluru, India

June '18 - May '22

TECHNICAL SKILLS

Core Development Skills: Dart & Flutter (mobile), Python, Django, Flask (backend), JavaScript with React & Node.js (web)

Tools & Platforms: Docker, Kubernetes, Git, Amazon Web Services (AWS), Google Cloud Platform (GCP)

Software Development Practices: Agile Methodologies, REST APIs, Full-Stack Development

PROFESSIONAL EXPERIENCE

Pyramid Developers | Technology Development Studio

Bengaluru, India + New York, US

Founder, Chief Technology Officer

January '20 – January '24

- Spearheaded design and development of consumer + business facing software solutions for 40 + global clientele.
- Engineered cross-platform applications on multiple tech stacks, mastering and applying skills within 2 week timeframes.
- Adopted roles such as Business Analyst and Product Manager 75 streamline development and reduce GTM time by 75%.
- Pioneered implementation of microservice architecture and CI/CD pipelines for all projects, improving scalability and reducing downtime by 40%.

Hewlett Packard Enterprise

Bengaluru, India

Research and Development Intern, Greenlake Data Services Cloud Console

January '22 – June '22

- Developed a monitoring platform for HPE microservices, improving response times and operational efficiency by 30%.
- Integrated Prometheus and Grafana for advanced real-time analytics of 50+ target points, improving stability by 25%.
- Collaborated effectively in a fast-paced environment, coordinating with a cross-functional team of 10 to achieve project goals and deliver successful outcomes, resulting in project satisfaction above 90%.
- Performed code reviews and optimizations for 15 GoLang microservices, enhancing performance and maintainability.

PROJECT EXPERIENCE

Maigrate | No-code platform to create AI copilots

New York, USA

Entrepreneurship with [Evan Korth](#) - [Link to website](#)

May '23 – December '23

- Architected and launched the Minimum Viable Product increasing customer acquisition by 30% within the first quarter.
- Informed UI/UX elements from analytics, resulting in 40% improvement in user engagement and 25% lower churn.
- Configured scalable AWS cloud environments, achieving 99.99% uptime.

Collision Prediction and Semantic Segmentation, NYU

New York, USA

Deep Learning with [Yann LeCunn](#) - [Link to Github](#) + [Youtube](#)

January '23 – May '23

- Developed 'WNet', a dual UNet model for predictive semantic segmentation in video, securing 2nd placement in NYU's Machine Learning challenge by achieving a 0.442 Jaccard index.
- Achieved a substantial enhancement in the model's predictive capability by applying autoregressive techniques to train the predictor to generate successive frames incrementally, leading to a more accurate final frame prediction.

Recommendations Squad, E-commerce, NYU

New York, USA

DevOps and Agile Methodologies with [John Rofrano](#) - [Link to Github](#)

September '22 – December '22

- Implemented a RESTful Flask API for e-commerce recommendations, improving user conversion rates by 20%.
- Orchestrated Docker Containers, CI/CD pipelines and Kubernetes Clusters reducing deployment time by 60% and facilitated zero-downtime updates during peak traffic periods..
- Instituted testing protocols using Python unit testing framework, decreasing post-deployment bugs by 90%.

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)