

DIVYAJYOTI UKIRDE

Gainesville, FL • (352)-736-0660 • divyajyoti.u@gmail.com

www.linkedin.com/in/divyajyotiuk • github.com/divyajyotiuk • divyajyotiuk.github.io

Aspiring MSCS '24 Graduate | Open to opportunities for full-time roles as Full Stack Developer or Security Engineer in May 2024

EDUCATION

University of Florida – Gainesville, FL 08/2022 – 05/2024

Master of Science in Computer Science

GPA: 3.94/4.0

Relevant coursework: Computer and Network Security, Malware Reverse Engineering, Penetration Testing & Ethical Hacking, Cloud Computing Systems Management, CodePath Intermediate Cybersecurity (Fall 2023)

Awards: Achievement Award Scholarship, AWS AI/ML Scholar

University of Pune, Pune Institute of Computer Technology – Pune, India 08/2016 – 06/2020

Bachelor of Engineering in Computer Engineering

GPA: 9.1/10.0

Relevant coursework: Object Oriented Programming in C++/Java, Database Management Systems, Algorithms and Data Structures

Awards: GraceHopper Scholar(2019)

SKILLS & CERTIFICATIONS

Languages: Python, Javascript, Erlang, C++, Java, HTML, CSS

Frameworks/Databases: React, Redux, Nuxt.js, Node, jQuery, Webpack, Ajax, REST/JSON, Docker, Kubernetes, nginx, MySQL, MongoDB

Developer Tools: Notion, VSCode, git, Windows, Linux/Unix Systems, Netlify, Vercel

Reverse Engineering Tools: Ghidra, x32dbg, PEStudio, regshot, Process Monitor, FTKImager, Volatility

Certifications: Foundations of Cybersecurity (Google Professional Cybersecurity Certificate), AI Programming with Python Nanodegree

EXPERIENCE

Howard Hughes Medical Institute - Programmer (Intern) | Chevy Chase, MD 05/2023 – 08/2023

- Implemented version control on Github for 3+ versions of the Model Builder interactive tool and established a staging environment.
- Resolved grading algorithm issues and touchscreen bugs in the scientific models using problem-solving skills, improving overall functionality, (WCAG 2.1 compliant) accessibility and user experience.
- Demonstrated great understanding of Redux state/actions and leveraged advanced Javascript concepts to decouple 2 scientific models into 3 distinct types with component reusability in ReactJS.

PLG Works - True Sparrow - Senior Software Engineer | Pune, India 05/2022 – 08/2022

- Crafted boilerplate templates for 5 different frameworks/libraries, and successfully built and deployed 3 secure and responsive web applications while collaborating closely with UX designers.
- Created and launched the 'Slackmin' tool, garnering 500+ votes and being featured on Product Hunt.
- Collaborated cross-functionally with other engineering teams and trained and guided 3+ junior developers.

Moxie - True Sparrow - Software Engineer | Pune, India 05/2020 – 04/2022

- Shipped features to production like the marketplace, on-demand videos, and payments with Stripe for the high availability and large-scale virtual fitness platform with notable success in delivering the projects on time using agile methodologies. Attracted 100+ solo entrepreneurs to the platform.
- Designed efficient and effective solutions for the discovery of virtual classes, implementing 10+ filters and slashing development time by 3x.
- Competent in solving CSS/JS multi-browser compatibility problems and front-end performance optimization.
- Conducted interviews of 5+ candidates for front-end roles.

PROJECTS

Do Your Homework | Team of 9 | GPU, Anaconda, Python, ML libraries

- Employed analytical skills for the Reproducibility Study of Machine Learning Papers in Tier 1 Security Conferences over the past 10 years.
- Compiled comprehensive statistics from 750 research papers presented at leading security conferences; organized data into a spreadsheet; presented results graphically.
- Validated results from machine learning papers by implementing and executing the models and then comparing the results to published performance metrics with only 20% producing the same results.

Slackmin | Team of 2 | Node.js, Slack API

- Slack tool for Business Ops (**Won #1 Product of the Day** on Product Hunt)
- Slackmin streamlines Slack integration in Node.js back-end applications by enabling custom tool creation to manage content, orders, reports, customers, and more.
- Implemented Slack wrapper methods to integrate the Slack API into the Organization's workspace, saving the tech team 100+ hours of work building dashboards.

Swift Transfer | Team of 3 | Android SDK, Firebase, Pokt Android SDK

- An E-wallet based on Pokt Blockchain for making international transactions faster and cheaper
- Secured position among top 10 finalists in Devfolio hackathon

LEADERSHIP & AFFILIATIONS

CodePath | Student | Remote 09/2023

Rewriting the Code | Member | Remote 07/2023

Women in Cybersecurity (WiCyS) | Member, Secretary of Student Chapter | University of Florida 08/2023

The Apprentice Project - Teach for India | Mentor | Pune, India 01/2021 – 05/2021

TEDxPICT | Head of Partnerships | Pune Institute of Computer Technology 02/2018 – 02/2019