Neil Kanakia

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EDUCATION

Drexel University — Philadelphia, PA
Bachelor of Science in Software Engineering (GPA: 3.0) — *Graduation June 2022*

EXPERIENCE

Software Developer Intern — April 2021 – Present
Drexel University — *Philadelphia, PA*
- Developed and improved functionality by creating 4 REST API's using the Java Spring Framework
- Translate business requirements and mock ups into working web interfaces
- Create specialized applications and micro services from the ground up in Java
- Developed data models deployed in Microsoft SQL

Undergraduate Research Assistant — July 2021 - Present
Drexel Wireless Systems Lab, Department of Computer Engineering, Drexel University — *Philadelphia, PA*
- Develop web based IoT management system
- Create API to interface with IoT devices around campus
- Develop software for docker containerized IoT hubs around campus

AWS Dev Ops Intern — September 2019 – March 2020
Wharton School, University of Pennsylvania — *Philadelphia, PA*
- Leveraged AWS Lambda Instances to save over 50 hours of work/year for updating employee data.
- Designed multiple web platforms responsible for tracking IPs and net addresses using Python—Flask frameworks
- Utilized Flask and Postman to develop a REST API responsible for monitoring data
- Employed tools such Terraform, DynamoDB, Amazon S3 Bucket and AWS Cloud9

Tech Support Specialist — Jan 2020 – March 2020
Wharton School, University of Pennsylvania — *Philadelphia, PA*
- Oversaw Wharton Technical Support Center by providing technical support such as troubleshooting and VPN services to students and staff
- Provided technical support to 100+ students by carrying out multiple software installations

Full Stack Web Developer — March 2018 – June 2018
KT Exports — *Mumbai, India*
- Developed a marketing web platform using HTML/CSS and Javascript
- Coordinated database with Zoho CRM Software and helped migrate and update CRM databases

PERSONAL PROJECTS

Campus Sellout | *Python, Flask, React, PostgreSQL, Docker* — June 2020 – Present
- Deployed an E Commerce platform using with Flask, Bootstrap and SQLAlchemy
- Integrated tools such as SQLAlchemy for database interfacing and Bcrypt for password hashing
- Constructed email password reset options using Flask Mail
- Applied Nginx on an Ubuntu Server(Linode) to host the completed web platform

TECHNICAL SKILLS & INTERESTS

Languages: Python (fluent), Java (fluent), C (intermediate), JavaScript(intermediate), HTML/CSS, Bash/ Zsh
Frameworks and Libraries: Flask, Django, Spring, REST, SQL
Developer Tools: Amazon Web Services, IntelliJ, PyCharm, VSCode

AWARDS TECHNICAL PROJECT EXPERIENCE

AJ Drexel Scholarship Recipient — From 2018 – Present
Drowsy Dragons | *Third Place at Dragon Hacks Drexel University IEEE Hackathon* (URL) — April 2021
Restaurant Vibe | *Restaurant Recommendation App* (URL) — March 2021
Nest | *Philly Codefest Hackathon Student Team Award* (URL) — May 2019
Drexel Algorithms and Data-Structures Club