Anthony DeCenzo

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EDUCATION

University of North Carolina at Charlotte   Charlotte, NC
B.S. in Computer Science, Concentration in Software Engineering (GPA: 3.1/4.0)   *July 2018 – June 2021 (Expected)*

EXPERIENCE

Associate Software Engineer Intern   June 2020 – August 2020
Akoya LLC   *Boston, Massachusetts*
- Developed a REST API using Gin-gonic, Java Spring Boot, S3 to store data from learning management systems
- Utilized safe practices such as data encryption and EC2 management
- Created docker containers and managed application containers
- Interacted with AWS RDS through AWS SDK and stored data in MySQL, DynamoDB

Full Stack Software Engineer Intern   May 2019 – August 2019
Fidelity Investments   *Raleigh-Durham, NC*
- Communicated with software development team to create technical stories
- Used Java Spring Boot, Gin-gonic, and AWS web services to create a REST API
- Maintained the applications using container applications such as Docker

PROJECTS

NinerRadar | *Tracks real-time foot traffic through 802.11 probe request and response analysis*

Java, C++, Spring Boot, React, Python, Amazon Web Services (AWS), Docker, Kismet, Raspberry Pi

- Developed a secure full-stack web application using Java Spring Boot for the REST API and React as the frontend
- Used Kismet and C++ to capture 802.11 probe request and responses; analyzed and parsed data with Python
- Implemented MQTT to minimize overhead and bandwidth when exchanging data between Raspberry Pis
- Visualized foot traffic data with Recharts in user dashboard

CCI Capstone Software Project | *Secure and smart consumer-grade drop box for package delivery*

Golang, React, Amazon Web Services (AWS), Python, Git

- Developed a full-stack web application with Golang, Gin-gonic, and React
- Utilized various AWS services such as RDS, SMS, S3, IAM, EC2, and Route 53
- Practiced agile methodologies and software version control

TECHNICAL SKILLS

Languages: Java, Go, C++, Python, JavaScript, SQL (MySQL, Postgres), NoSQL (DynamoDB), HTML/CSS
Frameworks: React, Spring Boot, Gin-gonic, Bootstrap, Ruby on Rails
Developer Tools: Linux, Git, Docker, Kubernetes, Amazon Web Services, IntelliJ, Visual Studio, PyCharm
Pentesting Tools: Burp Suite, NMAP, GoBuster, DirBuster, LinPEAS, MetaSploit, John the Ripper, Wireshark

CERTIFICATIONS

AWS Certified Cloud Practitioner | *Amazon*   May 2021
- Effectively demonstrated understanding of the AWS Cloud, architectural principles, and key cloud services
- Illustrated AWS Cloud value propositions, security and compliance aspects, and AWS Cloud infrastructure