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TYLER COVERSTONE
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Objective

Enthusiastic software developer with 6+ years of experience creating robust applications, looking for work in a challenging environment with cutting-edge technology. Proficient in full-stack development, with a passion for problem-solving and continuous learning.

Experience

Software Developer - Core Application **Finxact** **October 2023 - Current**
- Working in a programming role on core-banking API-based products for client-specific needs in lending, with a focus on mortgage products.
  - Worked in a lead development role in implementing amortization calculations and receivable generation for mortgage specific loans for multiple clients, **creating new product capabilities specific to client needs** (GO, Postgres).

Systems Programmer III **FIS** **July 2023 - October 2023**
- Worked in lead programmer roles on large-scale applications aimed to improve monitoring, visibility, and correlation of events in the enterprise.
  - Worked as a lead programmer on the data pipelining in the Aureus project: an event correlation engine which uses ML to score similarities on events, and in turn accurately correlate major incidents and root cause, **currently reducing resolution time for major incidents by 50%**. (Java, Python, Flink, Kafka, Docker, NiFi, Flask, Cassandra, Postgres)
  - Worked as a lead programmer in the frontend of the Minerva project: a monitoring management application designed for the **capability to adjust enterprise monitoring across every medium** and provide blanket observability otherwise unavailable. (React, MaterialUI, Express, Node, OpenSearch, MSSQL)

Systems Programmer II **FIS** **April 2021 - July 2023**
- Built large-scale applications to target gaps in monitoring in the enterprise, reducing impact and maximum time to resolve client-impacting incidents.
  - Designed and built the Certificate Monitoring Processor, the first automated ticketing and alert system for SSL certificates in our enterprise, **reducing certificate expiration related incidents by 20%** for client-facing applications by alerting application owners of expiring certificates well in advance via dynamic callouts. (Python, Docker, MSSQL)
  - Was lead programmer role in development of Event Dispatch, an AWS application designed to manage events and create alerts against enterprise business rules, allowing FIS users set up custom monitoring to any tool which can produce events. By replacing the ServiceNOW Event Management Module, **this project provided savings of upward of $2 Million to FIS** (AWS, Airflow, Python, Postgres, Terraform)

Software Engineer E **FIS** **June 2019 - April 2021**
- Built automations, integrations, and custom applications to improve network monitoring and aid network engineers and network operations personnel in their workflows.
  - Built Java web app to allow users to onboard, decommission, and update metrics for network devices: **self-services for network engineers that are otherwise unavailable**. (Java, Tomcat, MSSQL, OracleDB, JS/HTML/CSS, Perl)

Web and Mobile Development Intern **Florida Blue** **May 2018 - May 2019**
- Worked on MEAN stack and Java based applications built to aid insurance agents in choosing and selling insurance plans to prospective clients.
  - Built an Amazon Alexa application that interfaced with Florida Blue's internal insurance plan library API to **recommend customized insurance plans to users via NLP dictation**. (AWS, Alexa, Java)

Skills

- **Languages**: Java, Python, JavaScript/HTML/CSS, GO, SQL, Perl, Typescript, C, C#, Swift
- **Frameworks**: React, Tomcat, Flink, MaterialUI, Docker, AWS, Airflow, Flask, Kafka, Angular, Bootstrap
- **Tools**: Linux, Bitbucket, Github, GitLab, Jira, Maven, VS Code, Eclipse, SecureCRT, puTTY, dBeaver, Xcode, SVN

Education

Bachelor's in Computer Science | University of North Florida | December 2018 | **GPA 3.95 - Summa Cum Laude**