Neelkumar V. Amin

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EDUCATION

- **University of Central Florida** — Orlando, FL
  Bachelor of Science in Biotechnology — *August 2015*

EXPERIENCE

- **ICF International** — Washington, D.C.
  Full Stack Developer — *December 2020 - Present*
  - **Universal Licensing System**: Modernizing a public wireless telecommunications licensing system to a cloud based microservices architecture. Participating throughout the software development life cycle; integrating functionality across enterprise system interfaces. Building out a standard pattern library of Angular components based on end user experience research. Constructing core business logic in Java; leveraging scheduled jobs for batch processing and abstracting service layers for evolving APIs. Performing spatial operations on market based geographic service areas. Supplementing unit test code coverage with an automated regression test suite. Documenting triage of root cause analysis using docker container logs and custom SQL scripts.

- **Revature** — Tampa, FL
  Software Engineer — *July 2019 - December 2020*
  - **Software Development**: Deployed business applications using Java, SQL, HTML/CSS, JavaScript, TypeScript, Angular, Spring Framework, PostgreSQL, Amazon Web Services and Git.
  - **Projects**: Practiced Agile methodology with business analysts and development operations to build full-stack web applications deployed in cloud environments. Implemented code modularity and achieved loose coupling using SOLID principles and reactive front controller redux design patterns. Enforced security measures by hashing stored passwords, preventing SQL injection and filtering CORs.

- **Charter Communications** — St. Petersburg, FL
  Technical Support Representative — *March 2019 - June 2019*
  - **Spectrum Internet Support**: Leveraged internal company tools to perform root cause analysis and troubleshoot network problems in the customer operations internet support department. Safeguarded customer proprietary network information using security authentication measures.

PROJECTS

- **Screen Force**: Advanced an application which standardizes the assessment of employees. A member of the tech screening team may record results of any interview as it happens and view an automatically scored summary after its conclusion. Administrators may manage training tracks and question pools, as well as view aggregated reports of all screening results. Worked with a microservices technology stack in an agile environment.
- **Auto Insurance**: Developed an auto insurance application based on a direct-to-consumer channel strategy in an agile environment using an Angular frontend, Spring MVC business layer and PostgreSQL as a backend database.
- **Banking App**: Utilized core Java to simulate banking transactions in the console with persistence using serialization for version one. Upgraded version two with a DAO design pattern and a JDBC connection to an Oracle RDS instance.
- **n33l4m1n.com**: A personal domain in the cloud running an Nginx server on a Debian based operating system. Sharing information on biotechnology research, information security and advents in the field of cybernetics.

SKILLS

- **Programming Languages**: Java, JavaScript, TypeScript, HTML/CSS, PL/SQL, Python
- **Information Technologies**: Linux, AWS, EC2, RDS, Spring Boot, Angular, RxJS, NgRx, JPA/Hibernate, PostgreSQL, PostGIS, Git, SSH, DNS, DHCP, TCP/IP, SOAP, REST, JSON, Maven, Node.js, JUnit, Selenium, Jira, Embedded Systems, Nginx, Docker, Bamboo, VPN, VLAN, IDS, IPS, CVE, SDN

CERTIFICATIONS

- **CompTIA A+**: H8C4SSMETLEQQ1W3   - July 2019
- **Google IT Support Professional**: GD8VETQV8EZ5   - October 2018
- **CompTIA IT Fundamentals**: ZQYSLPWPNG44QRG0   - May 2018

ORGANIZATIONS

- **Hack@UCF**: Collegiate Cyber Defense Club at the University of Central Florida, Orlando, FL