

Neelkumar V. Amin

<https://www.n33l4m1n.com/>

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EDUCATION

- **University of Central Florida**
Bachelor of Science in Biotechnology

Orlando, FL
August 2015

EXPERIENCE

- **ICF International**
Full Stack Developer

Washington, D.C.
December 2020 - Present

 - **Universal Licensing System:** Modernizing a public wireless telecommunications licensing system to a progressive web application using an API framework based on a cloud microservice architecture.
- **Revature**
Software Engineer

Tampa, FL
July 2019 - December 2020

 - **Software Development:** Developed 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; DAO and reactive front controller redux design patterns. Enforced security measures by hashing stored passwords, preventing SQL injection and filtering CORs.
- **Charter Communications**
Technical Support Representative

St. Petersburg, FL
March 2019 - June 2019

 - **Spectrum Internet Support:** Utilized internal company tools and used root cause analysis to troubleshoot network problems in the customer operations internet support department. Safeguarded customer proprietary network information using security authentication measures.

PROJECTS

- **Revature: Screen Force:** Advanced an internal application which standardizes the assessment of potential Revature employees. A member of the tech screening team can record results of an interview as it happens and view an automatically scored summary after its conclusion. Administrators can manage training tracks and question pools, as well as viewing aggregated reports of past screening results. Worked with a microservices ecosystem technology stack in an agile scrum environment.
- **Avature: Auto Insurance:** Developed an auto insurance application based on a direct to consumer (D2C) channel strategy in an agile scrum environment using Angular frontend, Spring MVC for business layer and PostgreSQL as a backend database.
- **Expense Reimbursement System:** Constructed and deployed a full stack application using a front controller design pattern on Apache Tomcat, persisted data to an AWS RDS instance and augmented UI with functionality through AJAX calls.
- **Banking Application:** Utilized core Java to simulate banking transactions in the console with persistence using serialization for version one. Upgraded version two to use a DAO design pattern and Oracle SQL database using a JDBC connection.
- **www.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 cybernetics research.

SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript, HTML/CSS, PL/SQL, Python
- **Information Technologies:** Linux, AWS, EC2, RDS, Spring Boot, Angular, JPA/Hibernate, Oracle, PostgreSQL, PostGIS, Git, SSH, DNS, DHCP, TCP/IP, Node.js, Maven, Nginx, Docker, Bamboo, JUnit, Selenium, Jira, SDLC

CERTIFICATIONS

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

ORGANIZATIONS

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