

BARAN BARUT

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CAREER OBJECTIVE

Looking for a Full Stack role where I can continue to grow my software development skills and mentor others. I value working in an environment where I am able to learn, grow, and mentor others.

PROFESSIONAL EXPERIENCE

L3Harris Technologies / Accenture

Melbourne, FL (Remote)

Software Developer - IT Leadership Program

Jan 2020 – Present

- Reduced employee database lookup times by 99% by designing a bespoke Active Directory caching service in C#, leading to over **\$3,000,000 in annual savings** and reduced load on enterprise-wide Active Directory
- Enabled 1,500 employees to track the manufacturing of over **11,000 parts across 44,000 travelers** by developing a custom Manufacturing Execution System built using ASP.NET and Microsoft SQL Server
- Reduced **regression testing times from 7 days to 2.5 hours** by automating manual web application testing processes using C#, SpecFlow, Selenium, and Azure Pipelines
- Led the **onboarding of 16 new hires and 6 summer interns** as part of my Lead Orientation Coordinator duties, organizing multiple on-site and virtual orientations with peers and IT leadership
- Garnered over **\$438,000 in annual cost savings** by creating a system in C# that streamlines bug reporting processes for internal applications, leveraging **ServiceNow and Jira APIs**

L3Harris Technologies

Melbourne, FL (Remote)

Security Operations Center (SOC) Intern

May 2019 – Aug 2019

- Assisted with monitoring the overall security posture of the corporate network
- Created a variety of automation scripts that help expedite daily SOC processes and are still used today
- Performed in-depth investigations on anomalous security events and provided daily reports on incidents

EDUCATION

University of Central Florida, Orlando, FL

May 2016 – Dec 2019

Bachelor of Science in Computer Science

- Graduate of the STEM EXCEL program

PROJECTS

bonScouter

Founder / Software Developer

- Solo-founded Software-as-a-Service (SaaS) and hobby project
- Distributed data collection and alerting platform for a popular MMORPG that uses Java for client-side communication, TypeScript and Nest.js for data processing and alerting, and Postgres for storage
- Minimized downtime and latency for customers by designing the system with a microservice architecture that leverages RabbitMQ and Docker for scaling and Prometheus and Grafana for monitoring

SecurityWhale

- Helped create an all-in-one machine learning code security analysis tool using C# and Python
- Proved that code metrics from development can be used to predict areas with software vulnerabilities or faults
- Developed the front-end C# desktop app and C#-to-Python interface for machine learning

SKILLS

- **Languages:** C# (expert), JavaScript (proficient), TypeScript (proficient), Java (proficient), Python (fluent)
- **Front-End:** HTML, CSS, React, Next.js, Bootstrap, Tailwind, Chakra UI
- **Back-End:** ASP.NET, SQL, Postgres, MySQL, REST, MongoDB, TypeORM, EntityFramework, Nginx, Node.js, Nest.js, GraphQL, Microsoft SQL Server
- **Other:** .NET, Git, GitHub, Linux, Redis, Docker, Microservices, Prometheus, Grafana, Kubernetes, Jenkins, RabbitMQ, WebSockets, Jira, Confluence, BitBucket, Agile, Scrum, Unit Testing