**Benjamin Sturgeon**

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**Summary**

I am a passionate and detail-oriented Software Developer with a strong foundation in full-stack development and software engineering. I am seeking a dynamic role where I can apply my problem-solving skills, technical expertise, and user-focused approach to create innovative, efficient solutions.

**Skills**

**Frameworks & Technologies**: React, Angular, Node.js, RESTful APIs, Material Design

**Programming Languages**: Java, C++, Python, Kotlin, SQL, NoSQL, HTML, XML

**Database Management**: MSSQL Server, Oracle, MongoDB, SQL Server,

**Development Tools**: GitHub, Visual Studio, Android Studio, PyCharm, Visual Studio Code, Docker

**System & Networking**: TCP/IP, Sockets, AWS, DevOps principles

**Software Engineering Practices**: Agile Development, Test-Driven Development (TDD), Code Reviews

**Education**

**B.S. in Computer Science, Concentration in Software Engineering** Conferral August 2025

Southern New Hampshire University 4.0 GPA

**B.A. in Psychology, focus on Abnormal Psychology** June 2023 – June 2025

University of Louisiana at Monroe

**Project Experience**

**Weight Tracking Mobile Application – Southern New Hampshire University January – April 2025**

* Designed and refined a full-featured Android app for weight logging, goal setting, and interactive notifications using Material Design principles.
* Implemented SMS and popup alerts for user milestones, increasing engagement through real-time feedback.
* Developed secure account management features and integrated Firebase database CRUD operations to ensure data integrity and usability.

**AAC Grazioso Salvare Rescue Dashboard – Southern New Hampshire University January – April 2025**

* Built a dynamic data visualization dashboard using Python Dash, MongoDB, and Plotly to highlight animal rescue operations.
* Refactored inefficient query logic and modularized repetitive code, reducing execution latency by 40%.
* Integrated secure authentication and robust error handling for image rendering, database access, and environment variable usage.

**Travlr Authentication System (MEAN Stack) January – April 2025**

* Debugged and enhanced a secure authentication system using JWT cookies, Angular interceptors, and Express.js APIs.
* Resolved critical cross-origin and port mapping errors to ensure reliable communication between frontend and backend services.
* Improved user feedback through in-form error messaging and structured async token handling, achieving near-perfect login stability.

**Work Experience**

**Advanced Tech Support/System Ambassador/Service Consultant** September 2020 – Present

AT&T Mobility Services – Baton Rouge, LA

* Work to determine a resolution for a variety of technical problems that affect cellular devices.
* Interface with a range of technical systems that determine service provisioning and cellular software
* As System ambassador, conduct meetings and system analysis to suggest and implement improvements to AT&T systems

**Mental Health Tech II**  November 2019 – September 2020

Baton Rouge General – Baton Rouge, LA

* Assisting Nursing Staff in Patient Care
* Using MOAB Techniques to deescalate volatile situations
* Charting and Notating Patient Behaviors and Health Statistics
* Maintaining awareness of patient mental health and reporting changes to Nursing Staff

**Office Assistant** March 2018 – November 2019

Dean Morris LLP – Monroe, LA

* Performed recording of incoming and out coming mail and monitored shipping statuses.
* Responsible for inter-department file processing
* Proficient in using Perfect Practice to record matter statuses for legal cases.