

# Daniel Hirt

## Full-Stack Software Engineer

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### 📄 PROFILE

Software Engineer with 3+ years of professional experience building high traffic, innovative, and performant enterprise software applications. Proven ability to leverage full-stack software development knowledge and skills to build modern and user-centric applications to scale. Experienced in a variety of tools and systems with an eagerness for continued learning and mentorship.

### 🔧 RELEVANT SKILLS

**Angular 8+** | **React** | **Java 8+** (Springboot, Spring MVC, Hibernate/JPA) | **Oracle** | **PostgreSQL** | **InfluxDB**  
**Amazon Web Services** (Lambda, S3, RDS) | **Docker** | **Kubernetes** | **Linux**

### 📁 PROFESSIONAL EXPERIENCE

- Software Engineer, Full-Stack, TriNet USA, Inc.** Jan 2020 – Present  
Indian Land, SC
- Redesigned and engineered a legacy user interface from AngularJS to a structured and performant multi-page application in Angular 12+ with average monthly traffic exceeding 300,000 users.
  - Organized and delegated tasks as UI Technical Lead to a team of offshore developers, ensuring the delivery of quality work quickly and effectively well before hard deadlines.
  - Facilitated and contributed to the design, development and deployment of enhancements and new features to client-facing applications.
  - Developed full-stack internal tools written in Angular, Spring Framework, and Oracle/Postgres to enhance colleague productivity.
  - Participated in cross-functional coordination, requirement gathering, and planning as part of an Agile team.
- Software Engineering Intern, Full-Stack, TriNet USA, Inc.** May 2019 – Aug 2019  
Indian Land, SC
- Designed and engineered a full-stack pilot application written in Angular, Springboot, and Oracle with an end-goal of centralizing organizational data and streamlining internal business processes.
  - Engineered a new data model from scratch, collaborating with senior engineers and business stakeholders.
- Teaching Assistant & Peer Mentor, UNC Charlotte** Aug 2017 – Dec 2019  
Charlotte, NC
- Served as a teacher assistant for introductory computer science courses, eventually serving as lead TA.
  - Organized and delegated lab supervision and grading assistance to other teacher assistants.
  - Assisted professors in creation of curriculum and lab course material.
  - Aided students in understanding fundamentals of programming and computer science, using Java as the language of choice.
- Web Developer, Intern to Full-time, Townsquare Interactive** May 2018 – Dec 2018  
Charlotte, NC
- Designed and developed over 30 interactive website products for small business owners in a variety of industries in HTML, CSS, and JavaScript.
  - Design advertisements and branding via Adobe Photoshop.
  - Debugged production defects and completed support tickets for fixes and feature enhancements.
  - Joined as a summer intern, returned full time in the fall of 2018 to assist the development team.

### 🎓 EDUCATION

**Bachelor of Science in Computer Science, University of North Carolina at Charlotte** Aug 2016 – Dec 2019  
Charlotte, NC  
Minor: Mathematics  
Extra Curriculars: Lead Teacher Assistant, Peer Mentor

### 📁 PROJECTS

- Ninerlytics, Campus WiFi Data Visualization and Analysis Tool**
- Led the development of a full-stack application to analyze and provide insights into campus-wide WiFi access point data to enhance security and reduce bottlenecks in campus foot traffic.
  - Built a custom, dynamic and interactive heatmap of the campus WiFi utilization via custom Angular components and directives.
  - Designed and developed a Springboot API and InfluxDB database schema to store and structure the data for consumers.
  - Won 1st place in the college's Innovative Computing contest in the Fall of 2019.
- Project Unicorn, Centralized data model for benefits administration**
- Designed and developed a centralized data model and store for insurance plan data, utilizing MySQL and eventually migrating to PostgreSQL.
  - Built Springboot/Spring MVC APIs supported by Hibernate to retrieve and structure data.
  - Designed a simple yet performant front-end in Angular to display data and provide administrative functionality.
- A range of other projects, each with documentation, can be found at the supplied GitHub link.*