

# BENJAMIN NOWAK – SOFTWARE ENGINEER – CHARLOTTE, NC

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## OVERVIEW

Multi-disciplinary software engineer with a robust background in full-stack development, specializing in Golang and React. Interested in delivering high-quality software solutions within mature project management frameworks. Adept in bridging visual and technical design, fostering a culture of collaboration and open communication. Seeks roles in product-focused teams that value technical proficiency and a multi-disciplinary approach. Possesses excellent communication ability, and a high view of integrity.

### KEYWORDS

*Software Engineering, Golang, React, Python, C#, Full-Stack Development, API Development, Database Design, SQL/NoSQL, Agile, Scrum, CI/CD, Microservices, Cloud Solutions (AWS, Google Cloud), Object-Oriented Design, UI/UX Design, Data Analytics, ETL*

## EXPERIENCE

### SOFTWARE ENGINEER II – SERVANT.IO (REMOTE)

June 2022 – February 2024

- Executed client-critical feature development within a complex project management environment using a diverse stack including TypeScript, Next.js, Node and Python.
- Heavily contributed to bespoke microsite builder and backend services, leveraging custom TypeScript, Material UI components, Craft.js, Next.js App Router API endpoints, Node.js, interfacing with AWS services, and integrating complex client enterprise applications.
- Worked with in-flight backend Python team to develop middleware API endpoints supporting an evolving Swagger definition using Next.js App Router API endpoints.
- Crafted versioned PostgreSQL database migrations and route-model-controller-service API implementations to support new application features using TypeORM and generated Prisma types.
- Engineered a lightweight Python ETL process to enhance stakeholder reporting and synchronization between external payment processing SaaS product and internal Client Data Platform using GCP Cloud Run and Big Query.

### ASSOCIATE SOFTWARE ENGINEER – RED VENTURES (CHARLOTTE, NC)

April 2019 – June 2022

- Developed and deployed production API endpoints and services, supporting crucial HR and recruiting functions, using Golang, PostgreSQL, Docker, Terraform, ECS/EKS, and other AWS services.
- Developed batch ETL processes in Golang to aggregate and push specified Google Analytics metrics into an internal Data Lake for use by business analysts and people operations, utilizing the Google Analytics API, and AWS SQS/SNS.
- Supported containerized backend security, by updating internally managed images, deploying updates to production, and triaging failures using CircleCI, Docker, Artifactory, and Terraform.
- Co-led refactor and upgrade from React v14 to v16 on critical internal HR web application and associated backend services in C#.
- Pitched, built, and deployed headless CMS editorial system for partner organization using WordPress, custom PHP plugins, static-generated Gatsby, and Netlify.

## EDUCATION

**Bachelor of Science, Computer Science**, University of North Carolina at Asheville, 2013 – 2016

**Associate Science**, with Honors, Blue Ridge Community College, 2011 – 2013

**Bachelor of Fine Art, Interactive Media Design**, Art Institute of Atlanta (Incomplete), 2000 – 2004

## SKILLS

### PROGRAMMING LANGUAGES

Golang, TypeScript, Javascript, Python, SQL, NoSQL, HTML, CSS, C#, C, C++

### SOFTWARE / TOOLS / FRAMEWORKS

Docker/Kubernetes, AWS (S3, DynamoDB, SNS/SQS, Lambda, ECS/EKS), Google Cloud (Cloud Run, Big Query, Workspace), Terraform, PostgreSQL, MongoDB, Git, GitHub Actions, Linux, Bash, Next.js, Material UI, JetBrains Suite, Postman, Adobe Creative Suite, Miro, Figma, Lucidchart, JIRA, Confluence

### METHODOLOGIES

Object-Oriented Programming, SDLC, Applications Development, API Development, CI/CD, Data Analytics, UI/UX Design, Agile, TDD, MVC, RMCS, Containerization, Microservices, ETL, Event Driven Systems, Distributed Systems, Observability, Telemetry

## OTHER RELEVANT EXPERIENCE

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### DEVOPS INTERN - TECH TALENT SOUTH (CHARLOTTE, NC)

December 2018 – February 2019

- 12-week, industry-sponsored, intensive cohort focused on Cloud, CI/CD Pipelines, and DevOps.
- Gained experience with AWS, Azure, and Google Cloud.
- Learned important concepts around SaaS, PaaS, IaaS for complex applications and production environments.

### ACE STUDENT SUCCESS OUTCOMES WEB APP – BRCC/UNCA (ASHEVILLE, NC)

April 2016 – December 2016

- Complete “round-trip” practicum project to fulfill graduation requirements at UNC Asheville.
- Developed full-stack (LAMP), AWS hosted web application as a proof of concept.

## ADDITIONAL INFO

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### HOBBIES AND INTERESTS

Music, Audio Production, CAD/3D design and modeling, 3D printing, fishing/outdoors, cooking

### STATEMENT OF VALUES

*INTEGRITY*, *HUMILITY*, and *CURIOSITY* are fundamental guiding principles directing my personal and professional conduct.

### PERSONALITY TYPES

Myers-Briggs: INF(T)P

**Strengths-Finder:** Learner, Inputs, Intellection, Strategic, Belief

**DiSC :** DC

**PATH:** Trustee