

Nicholas Dullam

Development Lead

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Awards & Honors

Presidential Scholarship, Purdue University, 2019 - Present

Dean's List, Purdue University, 2019 - Present

Skills

Languages

| | |
|--------------------|--------|
| Javascript/Node.js | Python |
| C & C++ | Java |

Dependencies & Frameworks

| | |
|----------|------------|
| React.js | Express.js |
| Mongoose | JWT |
| Stripe | SciPy |
| Pandas | Numpy |

Databases

| | |
|---------|-----|
| MongoDB | SQL |
|---------|-----|

Platforms & Software

| | |
|-------------------|----------------|
| Heroku | Adobe XD |
| Amazon S3 | Adobe InDesign |
| Adobe Illustrator | |

Team Skills

| | |
|---------------|----------------------|
| Communication | Collaboration |
| Agile | Iterative Deployment |

Experience

May 2021 - Present, **Development Lead**
Sustainably, Cleveland, Ohio

- Facilitated the full-stack (MERN) development of the SaaS Web App, Sustainably
- Created and managed a documented back-end REST API
- Developed scalable database schema through MongoDB
- Designed and implemented user-forward in-app experiences
- Fabricated custom acquisition, checkout, and subscription management through the Stripe API
- Managed pull requests and version control of a GitHub Organization

Aug. 2016. - Mar. 2018, **VP of Engineering**
Communicode, Westfield, Indiana

- Designed profile preference generation and weighting procedures
- Researched and developed a K-nearest based matching algorithm
- Oversaw development of publish and subscribe methods with GCS

Education

Purdue University, West Lafayette, IN

Bachelor of Science, Computer Science
(Machine Intelligence), May 2023

Significant courses: Computer Architectures, Data Structures and Algorithms, Systems Programming, and Linear Algebra

Bachelor of Science, Data Science (Computer Science), May 2023

Significant courses: Data Mining and Machine Learning

Bachelor of Science, Applied Statistics,
May 2023

Certificate of Entrepreneurship, May 2023