

BENJI ASPERHEIM

FULL-STACK ENGINEER

CONTACT



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learnprogramming.us



Austin, Texas



stack
overflow

EXPERTISE

- Full-stack web development (**Node.js/Express, Angular, React**)
- **Python** scripting
- Frontend development (**HTML, CSS, JavaScript, Angular**)
- Backend development (**Node.js/Express, MongoDB, PostgreSQL**)
- DevOps (**Docker, Nginx, UNIX bash** scripting)
- Cloud infrastructure management (**DigitalOcean**)
- Database management and optimization (**PostgreSQL, MongoDB, SQL**)
- API development and integration
- **FFmpeg** video processing
- Technical writing and documentation
- Project management and collaboration

REFERENCES

Anthony Gantt



786-359-2705



agantt@atease.io

Matthew Brutsche



512-731-8114



matt@500rockets.io

WORK EXPERIENCE

Full-Stack Web Developer

At Ease Rentals Corporation

2023-2024

- Developed responsive frontend web applications using Angular framework, ensuring optimal user experience across devices.
- Implemented backend endpoints in Node.js/Express, including RESTful API endpoints and database integration for seamless data management.
- Utilized image processing techniques (ImageMagick) on the backend to handle uploaded user content.
- Orchestrated end-to-end CRUD operations utilizing PostgreSQL, Sequelize, and to perform database operations within Node.js/Express routes.
- Spearheaded DevOps initiatives, including Docker containerization for efficient deployment and scaling of applications.
- Collaborated on server configuration tasks, such as Nginx setup and integration with certbot for SSL certificate management.
- Automated CI/CD tasks and workflows using UNIX bash scripting and Jenkins.
- Engineered a Golang binary application for PDF generation.
- Orchestrated cloud infrastructure setup and management on DigitalOcean, configuring droplets and S3 buckets for storage and hosting needs.

500 Rockets Marketing

June 2018-July 2023

- Utilized MongoDB with Mongoose ORM to architect database collections and execute efficient queries. Developed endpoints with complex aggregate queries to extract meaningful insights and support data-driven decision-making processes.
- Developed PHP web applications and integrated the Google Ads API library using Composer, enhancing functionality and enabling targeted advertising solutions within web platforms.
- Orchestrated the setup of RabbitMQ (RBMQ), Node.js, and FFmpeg Docker containers, optimizing video and image processing workflows for scalability and efficiency.
- Authored technical How-To articles on various database technologies, including CockroachDB, MongoDB, and Elasticsearch, to share insights and best practices with the developer community.
- Engineered Node.js functions and routes to facilitate the processing of videos using RabbitMQ and FFmpeg, enhancing media handling capabilities within web applications.
- Spearheaded the creation of comprehensive technical tutorials on cutting-edge database technologies like Elasticsearch, CockroachDB, MongoDB, PostgreSQL, and more for ObjectRocket, educating and empowering developers worldwide.

EDUCATION

University of Wisconsin Superior

- Superior, WI
- B.A. in German, Minor in English Grammar and Literature
- GPA: 3.53
- Aug 2005 - May 2009

Carl von Ossietzky Universität

- Oldenburg, Germany
- Studied German Language and Culture for one semester
- 2007

York College

- York, NE
- Associate of Arts in General Studies
- Jan 2004 - May 2005