

# PHILIP BROWNE

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Full Stack Software Engineer with a passion for helping people through technology and finding ways to efficiently and collaboratively solve problems. Dedicated and detail-oriented professional with a background of more than a decade as an orchestral musician and a proven record of success in multiple industries.

## TECHNICAL SKILLS

**Languages:** HTML5, CSS, JavaScript, Python, Go/Golang

**Libraries and Frameworks:** Bootstrap, jQuery, React.js, Node.js, Express.js, Flask, REST, GraphQL, gRPC, Selenium

**Databases:** SQL (PostgreSQL, SQLite, MySQL), MongoDB, Elasticsearch, Neo4j, DynamoDB

**Testing:** Jasmine, Jest, React Test Library, PyTest

**CI/CD & Deployment:** Docker, Kubernetes, AWS, Jenkins, GitHub, GitLab

## PROJECTS

[Voter Info](#) / [Repository Link](#)

2021

- Full-Stack Voter Information Application using Google Civic Information, EasyPost, and MapQuest APIs
- Technologies Used: JavaScript, jQuery, Bootstrap, AJAX, Axios, Python, Flask, Bcrypt, SQLAlchemy, PostgreSQL

[Space Force](#) / [Repository Link](#)

2021

- Full-Stack Platform Game developed for [Mintbean.io](https://mintbean.io) Hiring Hackathon built with PhaserJS Library. Mintbean Star Award Winner for "exemplary achievement in the field of web development"
- Technologies Used: JavaScript, PhaserJS, JavaScript State Machine, Bootstrap, Python, Flask, Bcrypt, SQLAlchemy, PostgreSQL

## WORK EXPERIENCE

**Junior Full Stack Developer**

2021 – Present

*M-Partners Incorporated*

- Develop and maintain both independent and collaborative projects for small startup specializing in new concepts in data analytics, artificial intelligence, and machine learning to enable automatic end-to-end data collection, processing, and analysis.
- Build scalable highly reliable products and maintaining uptime of existing applications.

**Communications Administrator / Technical Support**

2021

*Unitarian Universalist Church of Silver Spring*

- Served as Office Administrator for 200+ member congregation as the central point of contact and technical support.
- Managed membership database and found ways to effectively promote congregation, while also managing UUCSS Website via WordPress platform.

**Freelance Musician**

2009 – Present

- Professional Orchestral French Horn player with experience working with groups such as the Baltimore Symphony, Virginia Symphony, Richmond Symphony, Pittsburgh Opera, and National Philharmonic, among others.

## EDUCATION

**Johns Hopkins University, Baltimore, Maryland**

**Graduated with BM in 2009, GPD in 2012**

*Bachelor of Music, French Horn Performance; Graduate Performance Diploma (GPD), French Horn Performance*

**Yale University Graduate School of Music**

**2012-2014**

**Springboard Software Engineering Career Track Fellowship**

**2021**

An 800-hour fellowship that covers key aspects of front-end web development, back-end web development, databases, and data structures and algorithms. Modules include learning resources, practice exercises, projects, and career-related coursework.