

CONTACT



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San Antonio, TX - (open to relocate)



[Paul Bilbatua](#)



[Paul449](#)

EDUCATION

B.B.A in Information Systems

The University of Texas, at San Antonio
(2024)

LANGUAGES

- **English** - Advanced
- **Spanish** - Native

TECHNICAL SKILLS

- **Java/ JavaScript**
- **MERN**
- **ReactJS**
- **Python**
- **JSON**
- **SQL/NoSQL**
- **Web API**
- **Jest**
- **HTML**
- **CSS**
- **Node.js**
- **ExpressJS**
- **Bootstrap**
- **Webpack**
- **APIs** (REST/GraphQL)
- **Git/GitHub/GitLab**
- **Linux/Windows**

COURSES & CERTIFICATIONS

Full Stack Coding Bootcamp

The University of Texas, at San Antonio

Paul Bilbatua

Software Developer | Full-Stack Developer | Software Engineer

EXPERIENCE

Full Stack Flex Online Coding Bootcamp

Higher Education | San Antonio, Texas

Jan 2024 - Jul 2024

- Conduct coding, programming, and software development lifecycle activities for 5 software development applications including an interactive weather dashboard, website for Pokemon fans, Messaging application and sports application.
- Developed intuitive user interfaces using React and modern programming language frameworks, improving user satisfaction and engagement.
- Skilled in JavaScript, including DOM manipulation and the JavaScript object model, to build interactive and mobile-optimized web applications.
- Configured Webpack for bundling JavaScript, CSS, and assets, optimizing performance.
- Integrate continuous integration and continuous deployment (CI/CD) pipelines to achieve high-frequency releases with code versioning tools with Git/GitHub.
- Solved complex real-time communication challenges by building a Walkie Talkie Messaging App with Socket.io, enhancing user interaction by 30%.
- Configured and managed development environments using Linux command-line tools.
- Learned core computer science foundations, including data structures, algorithms, and system design, to build efficient and scalable applications, and different programming technique with object-oriented programming.
- Designed scalable applications using the Model-View-Controller (MVC) framework, ensuring maintainability and efficiency for long-term use.
- Demonstrated expertise in full stack development by managing end-to-end project activities, including planning, testing, and deployment.
- Monitor app and website performance using database technologies SQL and MongoDB to optimize data fetching, data management, and minimize redundant network requests.
- Plan and implement unit and software testing with Jest to ensure new features or enhancements work properly based on project specifications/requirements.
- Led cross-functional collaboration within an Agile Scrum framework, working closely with UI/UX designers, data engineers, and full-stack developers to define business requirements and ensure alignment with project goals through effective verbal and written communication.

PROJECTS

- **Weather Dashboard** (paul449.github.io/Pau-Weather-89/)
 - Integrated real-time weather data from the OpenWeather API into a dynamic dashboard, improving data accuracy and user experience.
 - Used JavaScript to handle API responses and dynamically update the dashboard based on user input.
 - Optimized API response times by 25% through request batching and caching strategies.
- **Walkie Talkie Messaging App** (<https://message-central.onrender.com/>)
 - Solved real-time communication challenges by building a messaging app with Socket.io, improving user interaction by 30%.
 - Handled 1,000+ concurrent client requests daily, optimizing server response time by 40%.
 - Collaborated within an Agile team to ensure timely delivery and consistent feature performance with strong communication and collaboration skills.
- **Vote4Goat, Fantasy Sports App** (github.com/Paul449/vote4Goat)
 - Developed a full-stack application using Node.js and MongoDB, improving data retrieval efficiency by 30% and enhancing user experience through optimized backend processes.
 - Built a responsive front-end with React, reducing development time by 40% through reusable components.
 - Embraced openness to criticism by actively seeking feedback during the wireframe design phase, improving the final product through continuous iteration.