



Bret Axl Sebastian Pura

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PROFESSIONAL SUMMARY

Full-stack developer with 9+ years of experience specializing in the MERN stack and modern frameworks such as Next.js and NestJS. Proven track record of delivering high-quality, scalable applications across diverse domains — from real-time event platforms (similar to Twitch) to complex website editors, video conferencing solutions, AI-powered chatbot builders, and admin dashboards that support critical business operations.

Passionate about solving complex problems with clean, efficient code and well-architected solutions. I thrive in fast-paced environments where adaptability, collaboration, and innovation are key. My goal is to continuously grow as a developer, contribute meaningfully to the tech industry, and apply my expertise in algorithms, system design, and problem solving to create impactful, future-ready solutions.

EXPERIENCE

WEB DEVELOPER, FREELANCE

April 2014 – Present

- Top-rated Plus in Upwork
- PSD to HTML projects
- Front-end works with React / Redux ecosystem
- Created mobile apps with Ionic or React-Native
- REST API's with NodeJS / Express
- Web Scraping
- Convert traditional web apps to SPA's
- Electron Tray App for Employee Time management
- Integrate Socket IO to add real time functionality to an existing web app

SENIOR SOFTWARE ENGINEER, CLOUDSTAFF

October 2018 – July 2019

- Develop high-quality software design and architecture
- Develop tools and applications by producing clean, efficient code
- Document and demonstrate solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments and clear code
- Protect operations by keeping information confidential
- Mentor junior software developers
- Collaborate with team to fix and improve products
- Ensure software is up-to-date with latest technologies
- Provide architectural solution for the mobile project (intimate.io)
- Create Woocommerce payment plugin for intimate.io

FULL STACK WEB DEVELOPER, VOLENDAY

October 2016 – June 2017

- Responsible for the development of Asia CEO Awards site (<https://www.asia-ceo-awards.org/>)
- Built a proof of concept employee tracking mobile application with Ionic, Node JS / Express
- Responsible for the front-end development of AHA (headless CMS project like cosmic.js)
- Responsible for maintaining in-house daily time record web app

EDUCATION

GORDON COLLEGE

2012 – 2016

Bachelor of Science in Computer Science

REGIONAL SCIENCE HIGH SCHOOL

2004 – 2008

Secondary Education

PROJECTS

INVESTORPREZ

- ➔ Optimized GrapesJS integration with React improving editor load speed by 3× Built with the MERN stack, Next JS and Tailwind.
- ➔ Refactored large components into modular units and rebuilt state management for better responsiveness.

CHATBUILDX

- ➔ <https://chatbuildx.com>
- ➔ Built from scratch for scalability. Integrated WordPress, WooCommerce, Facebook Messenger, and Google Drive for contextual data.
- ➔ Developed a custom web scraping utility for dynamic knowledge enrichment.

CSV ANALYSER

- ➔ Implemented FIFO vs. LIFO strategy comparison for share balance validation and parcel-level error detection (trade date, price range, dishonesty)
- ➔ Built virtualization for 100K+ rows to ensure smooth dataset interaction.

ANZMTG

- ➔ <https://anzmtg.com.au>
- ➔ Developed the landing page and admin dashboard to facilitate event creation and user payments
- ➔ Built with the MERN stack, Next JS and Tailwind.

MOMENTHOUSE

- ➔ <https://momenthouse.com>
- ➔ Created the "Meet and Greet" portion using Twilio Video API for fans and artists to have video conferences
- ➔ Integrated Shopify API for their merch

GACONNECTOR

- ➔ <https://gaconnector.com/>
- ➔ Created customer dashboard with React / Redux

FACTOR 75

- ➔ <https://www.factor75.com/>
- ➔ Converted some functionalities across multiple pages to a single page React app.

ASIA CEO AWARDS

- <https://www.asia-ceo-awards.org/>
- Express Application consuming data from our own headless CMS (AHA)

TECHNICAL SKILLS

- **Backend:** Node JS, Express, Sails, Socket.IO, NestJS, GraphQL
- **Frontend:** React, Redux, Redux Saga, React-Query, NextJS, Angular
- **Mobile:** React Native, Ionic
- **Web Scraping:** Phantom JS, Nightmare, Puppeteer
- **Database / ORM:** MySQL, MongoDB, Postgres (Sequelize, Mongoose)
- **Versioning and other tools:** Git, Github, Bitbucket, JIRA, Trello
- **Deployment:** CI/CD, Jenkins, AWS, Heroku
- **Build Systems:** Webpack, Gulp
- **OS:** Mac OS, Ubuntu, Windows
- **Tests:** Mocha, Chai, Jest

REFERENCES

References available upon request.