BENJAMIN NORVAL

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Experienced Full Stack software engineer with **3 years of experience in web development.** I am part of the core team that developed the entire Elysia (a WAE subsidiary) cloud platform whilst also writing blogs and building web-related applications. I am a driven, focused and charismatic individual. Check out my blogs on my website <u>here</u>.

Skills

JavaScript • TypeScript • React • Redux • Jest • Cypress • D3 • Visx • HTML • CSS • TailwindCSS • Accessibility
Node • Express • AWS Serverless • CI/CD • Git • Bash • GitHub • Azure DevOps • Agile/Scrum/Kanban • SEO

Work Experience

Beam Connectivity, Remote • Full Stack Software Engineer 06/2022 - Present
Part of an integrated team that built the entire cloud platform on elysia.co - a WAE subsidiary.
- Working with React, JavaScript, and TypeScript, on the front end and AWS Serverless,
- Work closely with cross-functional teams to deliver top-quality products on schedule, using agile methodologies,
- Data visualisation using D3.js and Visx,
- Testing and building pipelines in Azure DevOps to ensure fluid CI/CD,
- Creating comprehensive tests codebase-wide.

Upwork, Remote • Freelance Full Stack Software Engineer 05/2021 - 06/2022
- Carrying out full-stack projects for clients,
- Provide edits to existing code bases to ensure functionality,
- Provide e-commerce consultancy for branding, business development, web features, and code base.

Cyrus Clothing • Founder 04/2019 - 07/202I
Founded an online apparel company that **employed the work of 8 employees.** I was the sole director that handled all aspects of the company. The business was sold in mid-2021.
- Manage freelance staff, including but not limited to, photographers, marketers, and customer support agents,
- Make custom UX and UI improvements to the store website,
- Researching new business opportunities promoted by the company's pivot to coincide during the COVID-19 pandemic,
- Building and maintaining healthy business-to-business and customer-to-business relationships,
- Website development and maintenance, focusing on SEO optimisation.

Notable Software Projects

React Blogs • A front-end React package to aid in building blogs <u>View the documentation</u>

Built with Typescript, React, Yarn, Vanilla Extract CSS, and more React Blogs is an open-source package that helps aid the development of creating blogs and documentation. The aim is for users to have a quick set-up to turn markdown files into pre-styled JSX that they can override as they wish. The package comes with automatic front matter parsers, typescript ready, automatic link processing, and more.

'Parisn' • An e-commerce application with a twist   View the code

A work-in-progress e-commerce site with unique add-ons including real-time data and chat using web sockets and automatic pricing that decreases over time using mathematical algorithms giving a better user experience.

How it was built:
- UI Design: Interactive front built with React, SWR, JavaScript, TypeScript, and TailWindCSS,
- Serverless Backend: Built with AWS Lambda, API Gateway, DynamoDB, Cognito, AWS CloudWatch, and more,
- Stripe Checkout: Secure, seamless payment process for user purchases,
- Real-time Data: WebSockets with API Gateway enables dynamic updates enhancing user experience,
- Automatic Pricing: AWS Lambda recalculates prices during checkout for accuracy,
- User Accounts: AWS Cognito handles authentication and authorisation for secure user management,
- Scalable Storage: User and transaction data stored in DynamoDB, and files in S3.
- Architectural Design: Built with microservices to ensure rapid and easy API development.

Click here to check the rest of my projects on my GitHub

Education

University of Reading • Entrepreneurship and Business Management   2018 - 2021
First Class Honours

Rewards

Henley Greenshoots Seed Finance Award Scheme presented alongside Santander Universities.   Awarded 2021