



Brandon Nolan

Full Stack Engineer, Frontend Developer, Backend Developer.

📍 Location: Canada, Manitoba

📞 Cell: 437-439-3888 ✉ E-mail: brandon.nolan.wisap@gmail.com 🌐 LinkedIn: linkedin.com/in/brandonolan
🔗 Github: github.com/brandalx 📄 Developer Portfolio: brandnolandev.com

👤 PROFESSIONAL SUMMARY

I am a Full Stack Engineer specialized in both Back-End and Front-End development with 5 years of hands-on experience. I have strong skills in Mobile Development, Graphic Design and DevOps. I'm deeply committed to user experience and business needs, always eager to learn new things, and I strive to deliver productive solutions in a fast-paced environment.

📁 WORK EXPERIENCE

Web Developer, Graphic Designer

Greenwoods, Winnipeg, MB, Canada.

(March, 2024 - June, 2024)

- Led the design and development of multiple WordPress websites and custom PHP platforms, ensuring optimal performance and scalability.
- Utilized platforms and technologies such as WordPress, PHP, JavaScript, HTML, CSS, and Bootstrap for website development.
- Collaborated with cross-functional teams to understand project vision and requirements, translating them into visually appealing and functional web designs.
- Managed domains and hosting across various web services, using different CDN technologies and security encryption certificates.
- Conducted extensive user research and usability testing to enhance UX/UI.
- Managed multiple projects simultaneously, delivering high-quality work within tight deadlines through effective project management and prioritization.
- Optimized web designs for SEO, improving website visibility and traffic with Meta Ads and Google Analytics.
- Optimized website functionalities for various account types and their management across multiple platforms.

Software Developer

Consultarer INC, Toronto, ON, Canada.

(December, 2023 - May, 2024)

- Responsible for developing all front-end architecture of Consultarer Inc, including designing and implementing scalable and maintainable solutions, working with React on front-end and Laravel PHP on backend.
- Led and participated in cross-functional team efforts, working closely with backend developers, designers, and product managers to deliver integrated solutions, such as solid types, interfaces, microservices.
- Designed and developed a scalable and maintainable frontend architecture using Zustand for state management, Zod for data validation, Tanstack for API requests, React as the primary framework, and Chakra UI as the UI library, ensuring efficient data flow and reactivity.
- Employed the single responsibility principle to create modular and reusable components, improving code maintainability and readability of the platform.
- Mentored new and less experienced developers, fostering a collaborative and supportive team environment.
- Integrated a full authentication system from scratch using custom hooks, tokens and cookies.

Full Stack Engineer

MSBit Software, Tel Aviv, Israel.

(January, 2023 - November, 2023)

- Spearheaded the e-commerce project's architecture and development, focusing on scalable microservices, robust database schemas, and REST API routes at MSBit.
- Built a complex RESTful API system with MongoDB and Express. Organized controllers, validations and models for different database collections, managing server interactions for scraping results.
- Utilized advanced DevOps practices, including Docker containers, Docker orchestration (Docker compose) and hosting deployment with Nginx, Digital Ocean on Linux remote server.
- Developed backend security and crafted an authentication process using NestJS, JWT, Bcrypt, refresh tokens, and cookies. Designed a checkout process and dynamic price calculation. Implemented a user password recovery workflow with email services using third-party services like SendGrid and Resend. All designs emphasized safeguarding seller and client data, ensuring stability, scalability, and alignment with business requirements.
- Led the project using SCRUM practices, sprints, and Planning Poker to enhance team collaboration.
- Applied best practices using React, Figma, Chakra UI, Bootstrap, Styled Components and others.
- Managed version control workflow using GitLab conventional commits approach, SSH tokens, GitHub actions and packages. Worked closely with the team to ensure project alignment using ESLint, Prettier, PostCSS and Git.

Full Stack Developer

Agency for Dedicated Technologies, Tel Aviv, Israel.

(2019-2022)

- Built Node.js servers with Express, NestJS, Flask for various projects, using Amazon Web Services such as S3, SES, and AWS Lambda. Used WebSockets (Socket.IO) for live actions such as online chats, audio and video calls. Used Swagger for documentation. Integrated Redis for caching metadata and tokens, employed RabbitMQ for load balancing, GraphQL and Apollo for data retrieval.
- Utilized modern frameworks and libraries, including React, Redux, MaterialUI, Tailwind, Shadcn UI, Radix and Chakra UI. Adopted a TDD, E2E approach, unit and integration testing, implemented CI/CD pipelines to ensure app usability and automation.
- Managed SQL, Sqlite, PostgreSQL and NoSQL databases, Planetscale, Firebase, Firestore, Netlify, Cyclic, Heroku, Railway, Vercel, Appwrite and Supabase platforms, focusing on performance and security of users data.
- Developed microservices using Prisma ORM to enhance maintainability within a monorepo.

Full Stack Developer

Freelance, using Fiverr, Upwork, Tel Aviv, Israel.

(2019-2023)

- Worked on SaaS, PaaS, B2B, and B2C projects, demonstrating versatility and expertise in different areas of web development, which enhanced both my front-end and back-end skills. Experienced with mobile app development for IOS and Android platforms using React Native (cross platform apps). Managed projects by designing, delegating tasks, and collaborating with product teams to ensure alignment with project and business goals. Managed domains hosting, DNS, HTTPS security protocols and certificates set up.
- Integrated third-party services, including Stripe for payment system, Strapi as CMS, Uploadthing for file uploading, Google Cloud Platform (GCP) and other Cloud environments for different API services, Clerk Auth and Passport for modern user authentication and registration. Consolidated AI technologies such as Open AI to provide advanced features and enhance web application capabilities.
- Configured Webpack, Babel, experienced with Websockets protocols (live streams), webhooks.
- Utilized React, NextJS, Redux Toolkit and custom React Hooks to craft dynamic web apps, optimizing performance.

EDUCATION

Bachelor of Science in Information Technology

(2018-2021)

Moscow Technical University of Communications and Information, *Moscow, Russia.*

Diploma in Software Engineering

(2022-2023)

College of Computer Science ORT, *Tel Aviv, Israel.*

- Specialized in Computer Science and Full Stack Development.

SKILLS

Programming Languages: JavaScript (JS), TypeScript (TS), Java, Python, SQL, HTML, HTML5, CSS, CSS3, SASS/SCSS

Frameworks/Libraries: React, React Native, Redux, NextJS, Redux Toolkit, NodeJS, Express, NestJS, Meteor, Flask, Jinja, Django, Zod, Bootstrap, ChakraUI, MVC, Tailwind, MaterialUI, Zustand, Tanstack, LiveKit, ChartJS, Apollo, ThreeJS.

Databases: MongoDB, Redis, Node cache, Postgres, MySQL, PostgreSQL, Supabase, yaml, webhooks, ngrok, XML.

Tools & Platforms: Docker, NGINX, Linux, Kubernetes, RabbitMQ, Git, GitHub, GitLab, Swagger, ES6+, Google Cloud, Clerk Auth, Parcel, Vite, Webpack, Prisma, Postman, Mockoon, Firebase, Jest, Cypress, npm, yarn, Fastify, GraphQL, Pactumjs, Resend, Xcode, VS Code, Stripe, WIX, Webflow, Elementor, WordPress, GoDaddy, Shopify, Digital Ocean, MAMP.

Graphic & UX/UI Design: Figma, Adobe Suite, Illustrator, After Effects, Premiere Pro, Photoshop, Adobe XD, Sketch, Notion, Blender, Spline, Adobe Media Encoder.

Methodologies & Concepts: SOLID, SCRUM, BEM, RESTful APIs, API, Architecture Development, UX/UI Design, Web Design, Open AI, SSR (Server-Side Rendering), microservices, OOP (Object-Oriented Programming).

Personal Qualities: Time management and meeting deadlines, Creativity, Ability to work in a team, Attention to detail, Flexibility and adaptability, Sense of style, Result-oriented, Quick learning ability, Problem-Solving.

INTERESTS

Photography, Graphic Design, Architectural Design, Drone Piloting, Running.

REFERENCES

References available upon request.