



JANNICK PEDERSEN

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Professional bachelor's degree (PBA) and a Computer Science Diploma from Zealand in Roskilde.

Focus on advance full-stack development in JavaScript with libraries and frameworks such as ReactJS and NextJS since 2020.

Used several NoSQL databases with MERN and FERN tech stack where NodeJS and Express have been used.

Used PostgreSQL for NextJS with production ready projects such as SPA, SASS or E-Commerce.

Responsive layout with CSS or CSS frameworks, and develop animations in GSAP, Framer Motion and ThreeJS.

Visual data with stats boxes and different graphs with dynamic data – usually for admin panel with the data being dynamic from a database.

Analytical tools such as GA4, PostHog and Sentry and setup e-mails for the PO and for the users.

Rust with NextJS and Leptos are my newest addition same with Go with NextJS where Docker has been implemented as well.

Skills:

- JavaScript
- ReactJS / NextJS
- Angular
- PHP
- C#
- CSS3 / frameworks
- Animations
- MySQL / NoSQL
- PostgreSQL
- Docker

WORK EXPERIENCE

OCT - 2023
DEC - 2023

FREELANCE - FULLSTACK DEV - ORGONE JEWELS

Tasks

- Goal is to build a production ready full-stack E-commerce site.
- Stack, NextJS13 with TS, Tailwind, Image storage with Cloud Firestore, Stripe and more.
- MongoDB for our database for our dynamic data and usage of the ORM Prisma.
- Building an admin panel with CRUD, so the product-owner can manage, have overview and structure.
- The admin can change product status and see it immediately in the visualized data section with stats boxes and graph.
- Using auth, secured routes, google login and JWT (Json web token).

What I got better at

- My first E-commerce full-stack in a JS framework, where there is actually payment in test developer mode in Stripe, as well with product status for admin and buyer.
- Use Prisma as ORM and not Moongoose from previously interns.
- Use TS / TSX for backend and frontend – last interns its has been JS / JSX

AUG - 2023
OCT - 2023

INTERNSHIP V2 - FULLSTACK DEV - NANOSCALESIMULATION

Tasks

- Version 2 with changes to layout, add and delete pages for different content.
- Setup analytical tools such as GA4 and PostHog.
- Use EmailJS instead of their own email-form which I made the first intern. NanoScale will be able to send out emails as well receive.
- Usage of ThreeJS and Framer Motion for animations and 3D models.

DEC - 2022
JUNE - 2023

- Adjust their terminal output to be more customized, with backend and client name instead of port numbers and colored errors for better debugging experience

What I got better at

- Got better at the full-stack core, because there had to be added additional stuff and more integration with visual data.
- Use analytical tools for tracking users' movement, clicks and where the user stays the most etc. Implement EmailJS instead of the hardcoded email form from last intern.

INTERNSHIP PBA - FULLSTACK DEV - NANOSCALESIMULATIONS

Tasks

- Create prototype in Figma and build responsive layout in Figma.
- Create database connection with Firebase, use Cloud Firebase and Realtime database.
- Use React-Bootstrap and MUI for responsive layout and Framer Motion for animation in the UI.
- Light / dark mode, CTA buttons, such as subscription and email which is connected to the DB.
- Having both backend and the client to run at the same terminal and port, with the usage of NodeJS 'Concurrent' package.
- Admin panel for customizable sections with CRUD, email overview, subscription overview, stats and graphs showing specific data from DB
- sikre ruter, cookies med JWT (JSON Web Tokens) for login / register
- Secured routes, API, Cookies, JWT, ApiLimiter, validation, controllers and different user roles for specific actions they can do in the admin panel.

What I got better at

- Got better at the MERN stack and FERN stack, since my teammate and I developed both, because MongoDB is more scalable than Firebase, so our PO wanted a migration.
- Debugging, solving errors, github version and be in communication
- Figma prototyping
- API – testing with PostMan

NOV - 2020
FEB - 2021

INTERNSHIP - WORDPRESS DEV - G/F TREKRONER SYD

Tasks

- Build a WordPress site, where important information can be seeing easily, a calendar for important events and meetings, downloadable PDF files with all rules and a FAQ list.
- Usage of security plugins, backup, Gutenberg and Classic editor plugins, image upload, PDF file handling and gallery.

What I got better at

- Communication with your team and the PO and take responsibilities to keep up with the deadline.
- Test it works in different viewports for responsive behavior.
- Use customized CSS for our theme and in the Classic editor.

SEP - 2020
NOV - 2020

INTERNSHIP - WORDPRESS DEV - TREATTIME APS

Tasks

- Develop a WordPress site from scratch with Classic editor and Gutenberg editor.
- Be in an Agile / Scrum methodology with the class team but also a team of developers from India, which would add different tasks list for us.
- Build a vendor system with purchases, login as a buyer / seller with items.

What I got better at

- Daily standup, structure, be in dialogue on odd schedules and learn more about E-commerce.
- Use heavy plugins such as E-commerce and vendors.
- Trying backup and security for the first time in WordPress.

EDUCATION

SEP - 2013
DEC - 2015

○ WEB INTEGRATOR - ROSKILDE TECHNICAL SCHOOL

- Main course: Photoshop with manipulation of images and creating layouts. DreamWeaver as editor for HTML, CSS, JS vanilla and JQuery development
- Last course: Learning PHP, PhpMyAdmin, MySQL, SQL, full-stack PHP project, with login, API and CRUD with different auth roles.

JAN - 2022
JUN - 2023

○ PBA - PROFESSION BACHELOR - ZEALAND, ROSKILDE

- Professional bachelor with full-stack programming and app
- Develop projects in ReactJS, Angular, PHP with Laravel, WordPress with PHP and JS as well with REST Api.
- Develop a game in Unity and make AR projects, with motion detection and displaying content on different criteria's and use Figma as prototyping.
- Use more of Agile, XP and Scrum in our projects and interns.
- Have full understanding of the most important CSS frameworks by making different SPA.
- Build a real life app with Angular and Ionic5, with REST Api and Azure.

SEP - 2018
DEC - 2020

○ COMPUTER SCIENCE DIPLOMA - ZEALAND, ROSKILDE

- Learned about Microsoft Visual Studio, SQL databases, MySQL, Selenium, ReactJS, NoSQL, IoT / Python and more.
- 1 - 3 semestre:
 - Visual Studio with C# and ASP.net with Azure, MySQL, Selenium
 - Agile and Scrum
 - Prototype development within UX
- 4 - 5 semestre:
 - More focus on JS vanilla, ReactJS, Python for IoT, Cloud Firestore and WordPress.
 - Internship applications
 - Full-stack projects within NoSQL and ReactJS

COURSES

- UDEMY MERN FULLSTACK - BY JOHN SMILGA
- ELECTRON & REACT JS: BUILD NATIVE CHAT APP WITH JAVASCRIPT – BY PHILIP JERGA
- NEXT.JS AND APOLLO - PORTFOLIO APP (W/ REACT, GRAPHQL, NODE) – BY PHILIP JERGA
- REACT JS & FIREBASE COMPLETE COURSE (INCL. CHAT APPLICATION) – BY PHILIP JERGA
- WORDPRESS KURSER – BEGINNER TO ADVANCE

ACTIVITIES / FREETIME

I have done a lot of my own coding time, after my graduation with my PBA title.
Taking Udemmy courses to strengthen logic, repetition and other learning approaches.
Following big YouTube coding channels, for keeping up with the newest updates, for different stacks and languages.
Following guides on the internet to gain more experience within full-stack and be active on LinkedIn in groups.