Jothivaanan Madheswaran

UI Developer | Frontend Developer | React Developer

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Portfolio: https://jothivaanan-portfolio.web.app/

Objective

Detail-oriented Frontend UI Developer with 3+ years of experience in web development, specializing in building modern user interfaces. Proficient in HTML, CSS, and JavaScript, with extensive hands-on experience in AWS services and PostgreSQL. Eager to leverage technical skills to develop innovative solutions and contribute to dynamic UI development projects.

Skills

Client-Side Development: HTML, CSS, JavaScript, Typescript

Frameworks/Libraries: React JS, Bootstrap, Material UI, Tailwind CSS

Cloud Service: AWS (Lambda, API Gateway, Code Commit, Amplify)

Database: PostgreSQL

Experience

React Developer | UI Developer | Software Developer

Nipurna IT Solutions Private Ltd

2021 – Present

About Nipurna

- Collaborate with cross-functional teams to design and implement cloud-based SAP applications, enhancing business processes for SAP customers worldwide.
- Leverage AWS services for deployment and scalability, ensuring high availability and performance of web applications.

Projects

1. OT Booking Portal

Fullstack Developer

- Developed separate portals for employee and admin access, streamlining user management.
- Implemented dynamic functionality using JavaScript and managed data effectively with PostgreSQL.

Tech Stack - HTML, CSS, JavaScript, JQuery, Ajax, React, Bootstrap, PostgreSQL

Key Features: Enabled employees to save and submit overtime bookings and provided admins with tools to analyze employee overtime data for insights into workload distribution and performance.

2. Timesheet Portal

Frontend Developer

- Developed a live project allowing employees to log daily work hours and enabling managers to accept or decline requests, building all pages from scratch with React.
- Utilized AWS services (Lambda, API Gateway) for middleware and deployed the application using AWS Amplify.

Tech Stack - React, Bootstrap, AWS (Lambda, API Gateway, Amplify, CodeCommit)

Innovative Contributions: Proposed and executed the 'Full Calendar' package to enhance the user experience during the booking process.

3. AWS Projects

AWS developer

- **PDF Merging:** Engineered an AWS Lambda function integrated with API Gateway to merge two binary strings into a single PDF.
- **Hash Key Generation:** Created an AWS Lambda function to generate a secret key using the 'crypto-js' library, facilitated by API Gateway.
- **Cognito User Creation:** Implemented an AWS Lambda function to automate user creation in AWS Cognito User Pool, enhancing user management and onboarding processes.

4. Payment Gateway Integration

Frontend Developer

- Constructed a React form enabling customers to integrate payment processing on their websites. Users are redirected to the Computop payment page to securely enter card details and complete transactions.

Tech Stack - React Formik, Material UI

5. Pro Customer

Frontend Developer | UI Developer

- Designed a B2B e-commerce web app using SAP as the database, featuring customer and admin portals.
- Utilized React Sidebar for navigation, i18n for multilingual support, and AG Grid for list views, using Material-UI for design.
- Incorporated Stripe as the payment gateway for secure transactions.

Tech Stack - React, Material UI, i18next, Tailwind CSS, AG Grid, Primereact
AWS Services – Code Commit, Amplify

Challenges: Designed mobile layout and integrated employee portal data within one month.

6. Pro Supplier

Senior UI Developer

- Designed a B2B e-commerce web app using SAP as the database, featuring supplier and admin portals.
- Utilized React Sidebar for navigation, i18n for multilingual support, and AG Grid for list views, using Material-UI for design.

Tech Stack - React, Material UI, i18next, Tailwind CSS, AG Grid, Primereact
AWS Services – Code Commit, Amplify.

Education

- **AVS College of Technology**
  B.E. (CSE)
  72%
  2016-2020

- **Shri swamy matriculation school**
  HSC
  85%
  2016

- **Shri swamy matriculation school**
  SSLC
  93%
  2014