Ayush Bajpai

Bengaluru, Karnataka | 7007010187 | mr.ayushbajpai185@gmail.com | ayushbajpai.in

Experience

CrowdANALYTIX | Karnataka, Bangalore   *Software Engineer | Aug 2022 - Present*

Document Collation Application - Phase 2 (Jan 2024 - Present)
Enhanced the React app and PDF viewer with features like:
- User management, reCaptcha, internationalisation to support multiple languages
- Complex multi-status handling & state management using Context API
- Complex routing with split-screen / multi-pane layout
- Optimise performance, improve polling network calls & implement security recommendations
- Override webpack config to implement SHA using webpack-subresource-integrity npm package.
- Integrated eslintrc and prettierrc configuration to auto format and follow coding rules
- Make the application air-gap deployment compliant by bundling external assets & fonts with the application
- Use feature-flag concept to manage features based on customer requirement

R&D - UI Design System (Nov 2023 - Jan 2024)
Worked on bridging design and development by creating a company-wide custom design system:
- Researched and utilised ngPrime to build standard components.
- Components designed with goal to eventually maintain the design system in storybook.js

dataX Bridge (Sep 2023 - Nov 2023)
Data transformation application integrated with spreadsheet viewer and LLM-powered chatbot. UI framework: Angular

- Assisted team members with pending UI issues.
- Managed Auth0 integration and UI deployment.

Document Collation Application - Phase 1 (May 2023 - Aug 2023)
Collaborated with two teammates to handle PDF-related features:
- Implemented rudimentary split-screen views using Allotment. Managed PDF rendering and highlighting.
- Integrated backend APIs

R&D - GitLab Filter with Typesense (Apr 2023 - May 2023)
Created a GitLab-like filter using Typesense API:
UI framework: Angular
- Developed payload logic for Typesense API.

R&D - React-PDF-highlighter (Feb 2023 - Apr 2023)
Customised the react-pdf-highlighter package to:
- Render multiple PDFs in single view
- Programmatically highlight text with coordinates.
- Integrate react-pdf-highlight with react-resizable-panels
- Add comments and change the highlight colour based on user feedback.

dataX Bridge Beta (Dec 2022 - Feb 2023)
Worked in a team to build different parts of the app. My focus was to build content health module and user onboarding module using Angular:
- Implemented tabs, tables with filters, pagination, and search for content health.
- Handled PDF rendering for terms of service using ng2-pdf-viewer.
- Integrated Auth0 for login.

R&D - Excel Interface Table (Sep 2022 - Nov 2022)
Explored various packages like SyncFusion, Handsontable, and JSpreadsheet for handling large Excel-like tables. We chose JSpreadsheet for our dataX bridge app.

Professional Skills

HTML5, CSS3, Typescript, JavaScript, ReactJS, Angular 2+, AWS, GCP

Skills

Collaboration, Time Management, Problem Solving, Leadership, Patience

Education

JS University | Shikohabad, Uttar Pradesh   BSc Computer Science | 03/2020