Darpan Vats

WeidenbornStr. 39, 60389, Frankfurt - +49-176-366-95955- darpan.vats007@gmail.com

www.linkedin.com/in/darpan-vats-40b8b496

SKILLS

- **Languages:** TypeScript, JavaScript, HTML5, CSS3, Sass, Python, SQL, GraphQL
- **Frameworks:** React, Redux, Node.js, fp-ts, NestJS, Express.js, jQuery, Jest, Cypress, MongoDB, Django
- **Other:** Version Control System, Responsive design, CI/CD, Performance optimization, Testing and debugging, API integration

WORK EXPERIENCE

Frontend Developer - ProTechnology.de, Dresden   *07/2022- present*

- Creating reusable components with design libraries, following UI/UX designs from design tools like Figma and Adobe XD.
- Maintaining reusable responsive functional components in isolation, using frontend workshop like Storybook.
- Implementation of state management in web applications, resulting in a significant reduction in code complexity by up to 30% ,thereby enhancing user experience and optimizing data flow for seamless interaction.
- Integration of backend RESTful API in accordance with API contract.
- Regular interaction with peers to discuss and maintain business and application logic for better project setup and code quality.
- Internationalization of apps with Translation management platform for segregation of development and translation process.
- Agora SDK integration for Real-Time streaming and engagement services.
- Investigating Lighthouse to audit and optimize the app for better performance and overall experience, resulting in an overall reduction of 15% website loading time.
- Development and maintenance of the CI/CD pipeline in cloud-based service, ensuring continuous integration and delivery processes run smoothly and efficiently saving 20% deployment time.

Technology stack:

Typescript, React, Ionic framework, vanilla-extract CSS, Vite, Elm, Locize, Azure Devops, Atlassian tools, .NET and MongoDB.

Software Developer – 5D-institut.de, Berlin   *09/2019 –07/2022*

- Creating user interfaces to seamlessly interact with BIMSWARM's APIs.
- Incorporating GraphQL into our frontend development workflow has streamlined data fetching and management.
- Design frontend components and features with internal tools for the partnered companies like Bosch and Schneider.
- Configuration of application for deployment on IIS server.
- Creation of online reports with interactive interfaces for existing customers using FastReport reporting tool.
- Writing complex relational database SQL for populating reporting tools.

Technology stack:

React, Redux, GraphQL, AWS, Docker, SQL, FastAPI, and FastReport.

Software Developer (Intern) - Carl-Ziess, Jena   *10/2018 - 12/2018*

- Processing and visualization of PCB point cloud data to Mesh.
- Development of Unity and WebXR application with interaction (rotation, Zooming, Panning) with 3D Model using HoloLens.

Technology stack:

Unity, MeshLab, HTML5, CSS3 and Javascript.

EDUCATION

*Human Computer Interaction (M.Sc.) – **Bauhaus-Universität, Weimar***   *Graduation Year – 2020*

*Electronics and Communication Engineering (B.Tech) – **MRIU, Faridabad***   *Graduation Year – 2013*

LANGAUAGES

English: *Business fluent*

German: *Beginner*