Akhil Vijayan

Full Stack Developer

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Visa Type: Permanent Resident

Portfolio: akhil411.github.io
Github: github.com/akhil411
LinkedIn: linkedin.com/in/akhilvijayan411

PROFILE

Full Stack Developer (PHP and Node.js) with a flair for creating elegant web development solutions. To demonstrate my skills developed a MERN Art School Application that helps the students to showcase their art skills, enhance student teacher communication and a chat room application. Have also developed websites in Wordpress and Laravel. Possesses good problem solving skills, devises innovative solutions and fosters teamwork culture to meet the goals. Motivated by meeting set targets within deadlines as it gives a sense of accomplishment. Enjoy working in a team environment and was able to deliver excellent results in a recent project where I worked in a team of three, to develop a game app which features a nostalgic game theme. Excited to learn more while working as a part of a fast paced and quality driven engineering team.

SKILLS

- React.js, Vue.js
- Node.js
- Express.js
- JavaScript, jQuery
- PHP - Wordpress, Laravel
- MySQL
- MongoDB
- Restful API, GraphQL
- AWS S3 and Lambda
- Python, Django
- HTML5
- CSS3, SASS, LESS
- Handlebars,
- GIT
- Docker

PROJECTS

Art School

Art School is a MERN website for students, teachers and admins of an institution. The students can showcase their skills by posting their artwork. There is an option for like and comment on the posts. Admins can manage the website. Teachers can submit reports and students can view them. There is a chatroom application for the users.

Main Skills:

- Set Authorization using Redux.js, JSON Web Token and Passport.js
- Amazon S3 Web Service for image upload.
- Use of React Context
- Use of Socket.io to create a chat application
- Material-UI used throughout the website
- Form validation using Validator.js
- MongoDB database and populating different collections.

Github**: https://github.com/akhil411/art-school**

Website: https://art-school.herokuapp.com/

Login Credentials: admin@artschool.com / admin123

Debugger Game

The Debugger Game App is a Node.js application. The application has a nostalgic game interface theme targeting gamers and developers to play in their free time.

Main Skills:

- jQuery, Node.js, Express.js, HTML5. CSS3
- Handlebars
- MySQL and Sequelize
- Bcrypt package for authorization
- Teamwork

Github**: https://github.com/dankoubz/appTwo**

Website: https://debugger-42069.herokuapp.com/

1305 Dock Street

This is a property website with CMS option to edit all kinds of data on the website. Also, there is a page for floor plans with functionality of displaying available floorplans and option to apply.

Main Skills:

- JavaScript, jQuery,
- HTML5. CSS3, WordPress, MySQL

- Developed pages for home, floorplans, contact, blog
- Responsive web pages
- Making browser compatible web pages
- Worked on page speed improvements and SEO

Website: https://www.1305dockstreet.com/

EXPERIENCE

Qburst Technologies, India- *Software Developer*

Nov 2014 - Dec 2016

- Able to acquire excellent front end skills including HTML5, CSS3 and JavScript.
- Writing clean , functional code on the front and the backend
- Understand the design files for the website development
- Developed features to enhance the user experience
- Optimized the web pages for maximum speed and scalability
- Develop and manage well functioning databases
- Write effective API's
- Implemented SEO in the websites.
- Set Google Analytics for the websites.

Aambianz Pty Ltd, Ingleburn NSW - *CNC Software Programmer*

Jan 2019 - Nov 2019

- Coding and Debugging
- Conduct trial runs of program to ensure they will produce desired information
- Refactor the existing code to increase the efficiency
- Coordinate with other team members for better results.
- Compile and write documentation of changes and subsequent revisions
- Consult with managers and senior engineers to clarify target, identify problems and suggest changes

EDUCATION

The Coding Bootcamp at the University of Sydney, Sydney - *Certificate*

July 2019 - Jan 2020

Full Stack Boot Camp Program

The University of Wollongong, Wollongong- *Master's Degree*

Feb 2016 - Dec 2018

Master's in Engineering Management

Mahatma Gandhi University, India- *Bachelor's Degree*

July 2010 - July 2014

Bachelor of Technology in Computer Science