

Abinash B. Konersman

(636) 622-4198 | DougAbi@yahoo.com | <https://abinashkonersman.netlify.app>

EDUCATION

University of Missouri-St. Louis, St. Louis, Missouri

Master of Science in Computer Science (still attending)

Pune University, Maharashtra, India

Bachelor of Science in Computer Science, December 2016

Fakir Mohan College of Science, Balasore, Odisha, India

Associates of Science, July 2013

CERTIFICATION

C programming Certified

COURSEWORK AND TRAINING

- **Programming Language:** C, python, SWIFT Programming Language, IOS App development, C++, Core Java, PHP, Python, 8051-Microcontroller programming, SaaS Technology
- **Scripting and Designing Language:** XML, HTML, CSS, Java Script, Json, Shell Script, Wordpress
- **Database Language:** SQL, MySQL, MS-SQL
- **IDE And Tools:** VS Code, XCode, Vi Editor, Anaconda, Net beans, Android Studio, Brackets, Atom, Git hub, Version Control, Microsoft Word, Microsoft Excel functions, pivot tables and charts
- **Networking fundamentals:** TCP/IP, Routing and Switching
- **Software Engineering-Product Management:** Agile, Waterfall, Iterative methodologies
- **Computer Organization and Architecture:** Structure of Computer Systems, Data representations, processor implementation and performance
- Computer software and operating system installation, trouble-shooting fixing problem of network and wifi and router related work
- Handling network server

EMPLOYMENT

College of Nursing, University of Missouri-St. Louis, St. Louis, Missouri

Software Engineer, January 2020-Present

- Participated as a developer in an Agile scrum team in building and maintaining web applications and the web sites using React Js, Microsoft SharePoint, Hibernate, J2EE, AWS Administration, Python.
- Defined and implemented database models.
- Seamlessly integrating existing components in SharePoint (e.g. InfoPath forms, MS Office Applications including Outlook, Excel, and PowerPoint.).
- Worked with developers and designers to create a framework for the web-based mobile platform.

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- Analyzed requirements, planned and designed system architecture, integrated hardware and software component.
- I used JDBC, J2EE, PHP, HTML, CSS, JavaScript, AJAX, React, jQuery, Java, C# and CMS mainly WordPress as a web developer.
- Developed and designed web applications and websites and WordPress plugins installation and customization, theme installation, theme customizations, Database (SQL, MySQL) Migration.
- Frontend and Backend both design and development
Handling both Frontend and backend design and development, design and development of database Various API implementation (REST, SOAP) and JPA etc.
- I used the Lambda console to create a Lambda function, and an Amazon API Gateway Endpoint to trigger the function and Tested sending HTTPS request.
File Transfer using FTP and Tools like FileZilla from Local computer to Linux Server, AWS etc.

Odrasoft Inc. Pune, India

Software Developer, December 2015-June 2018

Software Associate, July 2014-December 2015

- Provided technical expertise on aspects of the organization's IT infrastructure/software applications/ architecture, advise them of appropriate actions to fulfill procedural and regulatory requirements or solve immediate problems.
- API integration, microservices, CRUD operation and implementation
- Worked on more than 30 small and big projects including 2 personal assistance chatbot project for company's official website
- Database migration and AWS service administration and integration with web application.
- Bug tracking and version controlling using GitHub
- Worked as a team lead with team of 6 software developer using agile methodology.

Projects:

Oyster Medical College OPD Management software(Java)

- This is a software of Oyster Medical College, used by doctor and patient.
- Java(J2EE) programming language and Java Persistence API for development and as well as HTML, CSS and JavaScript for front-end design and development and I used PLSQL for developing database.

Hotel at Beach web app (Using React-Js)

GitHub Link: <https://github.com/abinashkonersman/hotelattbeach>

- This WebApp was developed using react and Content-Ful API.

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- Developed a flexible and well-structured front-end architecture, along with the APIs to support it.
- Identified opportunities to improve current processes and technology stack.
- This App provides to browse through different hotels and add to cart system and
- Reservation and Add to cart system with check out with responsive design
- PayPal payment gateway integration with beautiful and fast frontend design

Global Covid-19 cases tracker (Using React-Js)

Live Link: <https://gitnewlookbyabi.netlify.app/>

- A COVID-19 dashboard is available providing up to date data from around the world. Showing the latest stats and information related to COVID-19.
- Developed a flexible and well-structured front-end architecture, along with the APIs to support it.
- Identified opportunities to improve current processes and technology stack.
- API used : <https://covid19.mathdro.id/api>

Search Git-User with a New GitHub profile Look (Using React-Js)

Live Link: <https://gitnewlookbyabi.netlify.app/>

- This application gives a nicer look at your GitHub profile.
- Developed new user-facing features using React Js.
- In this Project I developed reusable components and front-end libraries for future use.
- I optimized components for maximum performance across a vast array of web-capable Devices and browsers.

Addidas E-commerce Webapp (Java, Spring Boot, Core AWS)

- Configured, designed, and developed solutions including key integrations to 3rd party solutions.
- Coached and trained business users on proper use of the system.
- Monitored and track system processing and performance indicators to ensure business requirements are being met.
- Participated on project teams to deliver new functionality.

Dove customer survey Android App (Java, Android)

- Maintained state of the art understanding of website and mobile platform capabilities .
- Worked closely with Salesforce and other 3rd party solutions providers to enhance our business capabilities.
- Participated on project teams to deliver new functionality.

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Nursing Learning Resource and Simulation Center(Web Application)

Link: <https://www.umsl.edu/~nursingweb/nlrsc-campaign.html>

- Participated as a developer in an Agile scrum team in building and maintaining web applications and the web sites using Microsoft SharePoint, Hibernate, J2EE.
- Defined and implement database models.
- Seamlessly integrating existing components in SharePoint (e.g. InfoPath forms, MS Office Applications including Outlook, Excel, and PowerPoint.).

Admin Panel with database and quizzes and test score generator(PHP and AWS)

source code: https://github.com/abinashkonersman/CS5880_backend_dashboard

- Developed a website that is password protected (initiate some sort of security) and also used to initialize a database.
- This is an open source RFID based web application is specially made for an event called Blade Runner in St. Louis Science Center.
- Developed a website to update in every 30 seconds (say auto refresh) and tell the current state of database.
- Developed a website to help someone sign in (basically his first name, last name and unique ID) using his / her ID (keeping track of his records in database).
- Developed a website to register the vote with more than two stations (say 5 voting centers or stations).
- Developed a website that checks the answer (do validation) provided by user and display the answer is true or false with some sort of color coding (i.e. red for wrong answers and green for right answers).
- Programming Language and database language: HTML, CSS, PHP, MySQL, AWS server

VM-Interpreter

Live Link: <https://vminterpreterbyabi.netlify.app>

Source Code: <https://github.com/abinashkonersman/VM-Compiler>

- This application (VM-Interpreter) makes coding in assembly language easier, simpler and more interactive.
- This is an open source Compiler web application is specially made for coding and running and compiling assembly language program (designed and developed by HTML, CSS, JavaScript).