Abinash B. Konersman

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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

CIRTIFICATION

C programming Certified

COURSEWORK AND TRAINING

- **Programming Language:** C program,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 & Tools:** 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

- Participate as a developer in an Agile scrum team in building and maintaining web applications and the web sites using Microsoft SharePoint,Hibernate,J2EE,AWS Administration,Python.
- Define and implement database models.
- Seamlessly integrating existing components in SharePoint (e.g. InfoPath forms, MS Office Applications including Outlook, Excel, and PowerPoint.).
- Work with developers and designers to create a framework for the web-based mobile platform.
- Analyzed requirements , planed and designed system architecture, integrated hardware and software component
- I used JDBC,J2EEPHP,HTML,CSS,JavaScript,AJAX,React js, ,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.
- Knowledge of Chabot platforms and at least 3 year of working experience in the development of Chabot and other AI, machine learning, or NLP technologies using python,Django and R language
- 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 and split the project withing different chunks and applied sprint 1 srint 2 …n

Project:

Oyster Medical College OPD Management software

- 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 for database back-end I use PLSQL

Nursing Learning Resource and Simulation Center(Web Application)

link:https://www.umsl.edu/~nursingweb/nlrsc-campaign.html

- Participate as a developer in an Agile scrum team in building and maintaining web applications and the web sites using Microsoft SharePoint,Hibernate,J2EE.
- Define and implement database models.

- Seamlessly integrating existing components in SharePoint (e.g. InfoPath forms, MS Office Applications including Outlook, Excel, and PowerPoint.).

Blade Runner gameplay event web application
source code(https://github.com/abinashkonersman/Bladerunner)

- This is an open source RFID based web application is specially made for an event ,"Blade Runner" in st.Louis Science Center .
- Programming Language and database language: HTML,CSS,PHP,MySQL

Admin Panel with database and quizzes and test score generator
source code(https://github.com/abinashkonersman/CS5880_backend_dashboard)

- Develop a website that is password protected (initiate some sort of security) and also used to initialize a database.
- Develop a website to update in every 30 seconds (say auto refresh) and tell the current state of database.
- Develop 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).
- Develop a website to register the vote with more than two stations (say 5 voting centers or stations).
- Develop 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).

Resort Web App using React JS (Web Application)

- Develop 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).
- Browse through different resort
- Book different resort and go through payment gateway to make payment
- This web application is designed and developed by React js , HTML,CSS,JavaScript,Jquery

VM-Compiler
source code(https://github.com/abinashkonersman/VM-Compiler)

- This application (VM-Compiler) 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)

Covid-19 detection app using machine learning
source code(https://github.com/abinashkonersman/Abi_covid19_data_scientist)

- Given that there are limited COVID-19 testing kits, we need to rely on other diagnosis measures.I thought to explore X-ray images as doctors frequently use X-rays and CT scans to diagnose pneumonia, lung inflammation, abscesses, and/or enlarged lymph nodes.

- Programming Language : Python