

MEYYAPPAN NACHIAPPAN
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OBJECTIVE:

Seeking Internship or Full Time opportunities in a challenging software development environment, where I can apply my analytical and technical expertise towards the growth and development of organization.

SUMMARY:

- Two years of Technical Support experience with companies such as V3 Computer Solutions and Reliance Communication.
- Worked on projects related to networking and communication protocols such as LAN and WAN.
- Proficient in languages such as C#, JAVA and Web API.
- I have done academic projects on Cloud Computing, Healthcare Integration, Movie Database and Game Programming.
- Paper presentation on the topic ‘Secure Storage Services using Cloud Computing’.
- I am well versed in MySQL, SQL Server, MongoDB, CouchDB, and Amazon Web Services.

EDUCATION:

Wayne State University, Detroit, MI, USA May 2017
M.S Computer Science
GPA: 3.89

Anna University, Chennai, Tamilnadu, India May 2013
Bachelor of Technology in Information Technology
GPA: 8.21

SKILLS:

- **Web/UI Technologies** : HTML, CSS, JavaScript, JSP, Servlet, XML
- **Programming** : C, C++, C#, JAVA, Python, .NET
- **Databases** : MySQL, MongoDB, Neo4j, CouchDB
- **Tools** : Visual Studio, Eclipse, Net beans, MS Office, GIT
- **API** : C#, JAVA and Web APIs

WORK EXPERIENCE:

Student Assistant **Detroit, MI**
Wayne State University **OCT 2015 – Present**

- Working for Residential Housing Department
- Assist in database administration of new residents and maintaining existing records.
- Technologies: SQL, Office and other proprietary tools.

Technical Consultant **Chennai, India**
V3 Computer Solutions **DEC 2013 – JAN 2015**

- Installing and configuring computer hardware operating systems and applications
- Monitoring and maintaining computer systems and networks
- Talking staff or clients through a series of actions, either face-to-face or over the telephone, to help set up systems or resolve issues
- Troubleshooting system and network problems and diagnosing and solving hardware or software faults
- Replacing parts as required

- Providing support, including procedural documentation and relevant reports
- Following diagrams and written instructions to repair a fault or set up a system

Technical Support

Chennai, India

Reliance Communication

AUG 2013 – NOV 2013

- Check the customer's database and elevate the request to technical team to activate the SIM
- Setting up new users' accounts and profiles and dealing with password issues
- Prioritizing and managing many open cases at one time
- Rapidly establishing a good working relationship with customers and other professionals, such as software developers
- Testing and evaluating new technology

PROJECTS:

Movie Database Admin:

- Implemented a MongoDB (700k dataset) based web application using Collaborative filtering method for Movie Database Admin.
- Basic CRUD operations and Map Reduce queries are implemented.
- Map Reduce functions are used to calculate average length of the movie, number of films in each category and particular category.
- Technologies: PHP, HTML, CSS, MongoDB (CRUD and MapReduce)
- Operating System: Ubuntu

Healthcare Integration:

- Patients' databases are integrated together in a website. Each patient can be viewed by using patient id. Patient can also be searched using symptoms, conditions or treatments. I used Java APIs for the front end and MySQL for the backend process.

Game Development:

- I used HTML, CSS, JavaScript and JQuery to develop a game called Cricket Flash Cards. The game is all about finding two identical players in a pack of cards.
- The Shuffle will be random. There is a counter variable to count the number of clicks.

Servlet Database:

- JSP, Servlet and MySQL are used to develop a course website. Servlets and JSP pages have to be connected to the database for backend process. Admin can add, delete or update a data in the database.

Implementation of Secure Storage and Erasure Code using Cloud Server:

- RSA algorithm is used for encryption.
- Erasure Code is a technique used for backup of the data.
- Implemented the front end using Java API.
- SQL is used for the back end process.

COURSES

Database Management System I, Web Technology, Database Management System-II, Data Structures and Algorithms, Database Management System-III, Software Architecture, Design and Analysis of algorithms, Data Communication and Computer Networks, Cyber Security, Distributed Systems.