Athiban Parthiban

JERSEY CITY, NEW JERSEY 07037 | linkedin.com/in/athibanp | github.com/athibanp | pathiban@stevens.edu | C: (949) 350-4854

EDUCATION

STEVENS INSTITUTE OF TECHNOLOGY | MS – Computer Science | GPA (3.68*)   **AUG 2018 – MAY 2020***
AMRITA VISHWA VIDYAPEETHAM | BS – Computer Science | GPA (3.3)   **JUL 2012 - JUL 2016**

TECHNICAL SKILLS

- ➢ **Languages:** • C/C++ • JavaScript/TypeScript • Python • PHP • Swift 4 • JAVA • Bash • SQL
- ➢ **Frameworks | Libraries:** • Magento • Node.js • Flask • WordPress • React • Pandas • NumPy • jQuery
- ➢ **Web & Cloud**: • HTML5 • CSS/Sass • React/Redux • MySQL • MongoDB • Docker
- ➢ **API**: • RESTful • GraphQL
- ➢ **Misc. Tech**: • Git • Unix/Linux • Redis • Shell Scripting • NGINX • Selenium • Google Analytics • Visual Studio Code

WORK EXPERIENCE

STEVENS INSTITUTE OF TECHNOLOGY | Graduate Teaching Assistant | Web Programming| Hoboken, NJ   **JAN 2019***
- Graded lab assignments and group exercises
- Held in-person office hours on campus to assist students with assignments and answered questions related to material

ADP | Software Engineering, Intern | Roseland, NJ   **MAY 2019 – AUG 2019**
- Worked in tandem with infrastructure team on automation project for upgrading internal servers from SLES11sp4 to SLES12sp4
- Developed various microservices (Python, Flask) to serve millions of requests using REST APIs which connects to MongoDB for data storage and retrieval
- Assisted in migrating from a legacy Rest-based architecture style to one based on GraphQL
- Created user-facing dashboards with React/Redux (front-end) by following company's UI/UX design standards
- Used Git (TFS) with Jenkins for Continuous Integration and Continuous Development and NGINX to deploy on multiple nodes
- Gathered knowledge in AD architecture and infrastructure (LDAP)
- Worked as team in Agile work flow with daily standup meetings

CHERRYTIN ONLINE PVT LTD | Chennai, IN
Software Developer (Full Stack)   **JUL 2016 – JUN 2018**
- Designed and developed e-commerce websites www.weddingwishlist.com and www.cherrytin.com using an open source framework Magento (MVC Design Pattern)
- Used Google Analytics core reporting APIs with Node.js and stored data into CRM
- DIY (Do It Yourself) Wedding Invitation for users to create their own "Save The Date" card containing the wedding details
- Worked with Digital Marketing team and implemented Tracking Module to capture UTM parameters and consolidated data to database and CRM which was further used to analyze the effectiveness of online marketing campaigns
- Created a server-side script to update and retrieve the order status every day by priority using CRON
- Integrated SMS notifications for the users with respect to their order details, which in turn improved the customer churn
Software Developer Intern   **JAN 2016 – JUN 2016**
- Developed responsive web pages for various device sizes by creating CSS media queries and Bootstrap
- Extensively used AJAX, JSON with jQuery for request data and response processing
- Acquired GIT responsibilities include maintaining version control system (branching, model, security)
- UI development/enhancements, Bug fixing and creating CMS pages
- Worked with Google's Contact API, Maps API, Sign in API and Drive API

ACADEMIC PROJECTS

NeXT Ticket | React, Node.js, Redis, MongoDB   **JAN 2019 – APR 2019**
- Designed and Developed Web Application which allows users to browse through movies and thereby generating recommendations based on user's watchlist and history
- Created backend services using Express.js that connects to another Python through IPC that runs Machine Learning Algorithms which servers as Recommendation Engine
- Used MongoDB for persistent storage and Redis for caching data

School Tour Guide | Node.js, MongoDB, AJAX, Bootstrap   **SEPT 2018 – DEC 2018**
- Created interactive Web Application which allows users to view, comment and rate various landmarks and restaurants across the campus. Also implemented login/signup authentication using Passport Middleware.

Text Analyzer | Node.js, Express.js, Flask   **DEC 2018**
- Created a Web Application interface for processing textual content and performed NLP tasks such as sentiment analysis, classification and noun phrase extraction.

Augmented Reality App for Language Translator | Android Studio, JAVA, OCR Engine   **MAY 2016**
- Developed a mobile Augmented Reality App for Tamil language learning which takes input from the smartphone camera and augments equivalent translated text on it.

Visa Status: F1 Student Visa | Open to relocation