

PRITHVIRAJ CHAUDHURI

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OBJECTIVE

Application for the position of a Software Developer graduating Spring 2021.

TECHNICAL SKILLS

Programming Languages - HTML5, CSS3, R, MATLAB, Python, Java, JavaScript, jQuery, Angular, PHP, C#, ASP.NET, OpenMP, MPI, CUDA
Database - MySQL, PostgreSQL
Platforms & Frameworks - ServiceNow, OpenEdx, Java Spring Boot, OpenShift and Docker
Certifications - Oracle Certified Java SE 7 Programmer, ServiceNow Certified System Administrator, EXIN Certified DevOps Master, ITIL Foundation Certified, TCS Internal E0 Angular JS Certified

EDUCATION

Master of Computer Science August 2019 – Expected May 2021 GPA – 3.80

North Carolina State University (NCSSU), Raleigh NC

Courses – Artificial Intelligence, Parallel Systems, Automated Learning and Data Analysis, Compiler Construction

Bachelor of Technology, Computer Science and Engineering August 2012 – June 2016 GPA – 8.71/10

RCC Institute of Information Technology (Affiliated to Maulana Abul Kalam Azad University of Technology), Kolkata, India

WORK EXPERIENCE

Full Stack Web Developer Intern, Red Hat May 2020 – Present

- Used Java Spring Boot and Pug to implement bulk upload of data to resource management application
- Enhanced search application to enable smart searching of employee records in the organization
- Containerized applications to establish automated deployment using OpenShift and Jenkins.

Graduate Research Assistant, North Carolina State University January 2020 – May 2020

- Implemented custom learning components on OpenEdx for better course construction and easy migration of courses
- Integrated research projects to enable more intelligent and dynamic course generation in OpenEdx

Systems Engineer, TATA Consultancy Service Ltd, Kolkata India. July 2016 – August 2019

- Implemented Service Catalog on ServiceNow for end users to utilize ServiceNow ITSM modules using CMS
- Integrated ServiceNow with external systems to streamline information flow
- Automated tasks by translating manual processes to system and leveraging ServiceNow orchestration platform
- Designed and developed a unified REST API integration application on ServiceNow to enable faster integration
- Migrated Service Catalog hosted in CMS to Service Portal using Angular JS

PROJECTS

Data Mining

Community Detection and Feature Selection algorithm development (R, MATLAB) –

- Accomplished a Feature Selection algorithm leveraging mutual information and Laplacian scores to select relevant features

Sentiment Analysis of Tweets (Java, Cassandra, Natural Language Processing) –

- Retrieved large counts of tweets from Twitter and stored in a single node Cassandra database
- Classified Tweets in positive or negative sentiments with OpenNLP Java APIs
- Leveraged StanfordNLP to find keywords in tweets to improve insights

Web Development

Development of a website glamoz.com (PHP, HTML, CSS, jQuery, MySQL)

- Created search algorithms for faster and contextual searches of various user profiles while interacting with backend database
- Utilized various jQuery plugins to enable users to edit pictures, upload videos etc.
- Incorporated Facebook and Google login options

In Class Projects

- Performed a study on Multimodal Classification performance vs Single mode classification on Yelp dataset
- Used OpenMP to implement parallel sorting algorithms for evaluating performance benefits vs overheads