Ashim Chalise

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Education

Bachelor of Science, Computer Science

UNC Greensboro   May 2021
- *Cumulative GPA:* 3.55/4.0.
- *Relevant Coursework:* Software Engineering, Principles of Operating Systems, Advanced Data Structures, Data Science, Algorithm Analysis / Design.

Professional Experience

Software Developer   August 2021-Present

Tata Consultancy Services
- Worked with Java, Advanced Java, Angular, NodeJS, mongoDB & SQL.
- Created a login page for a company and simple deposit and withdrawal system using Java servlet Pages.
- Designed and developed a responsive shopping website using Angular, NodeJS and mongoDB using RestAPI.
- Used bootstrap to design and style the Single Page Application.
- Designed new features using framework using Angular, jQuery and performed Unit testing.
- Designed Angular services and pipes to send data.
- Used Agile methodologies to design and create code on a daily basis.
- Helped the scrum team to practice agile and created new efficient methods for the scrum team.

Relevant Projects

Restaurant POS, Software Engineering (CSC 340)   May 2020
- Designed and created a restaurant POS system as a backend developer in a team of 5 members.
- Used programming languages: Java, JavaFX, SQL and UI software gluon.
- Incorporated Google API for employee login.

Pandemic Simulator, Network Analysis (CSC 407)   December 2020
- Engineered a pandemic simulator for coronavirus.
- Used programming languages: Java, R.

MyFy, Senior Capstone (CSC 490)   May 2021
- Developing a finance budgeting app to help users find all finance-related data in one place.
- "Educational Area" feature that helps the end user learn about their current status and invest more or pay off loans faster, based on age and income.

COVID-19 Visualization Dashboard, Data Science (CSC 405)   May 2021
- Developed a dashboard to help the user visualize and manipulate COVID-19 data.
- County and state level data available.
- Graph and Map available with linear and polynomial regression lines in the graph.
- Used programming languages: Python, CSS.

Mortgage Calculator, Self-Created   September 2019
- Self-designed and created a mortgage calculator app to calculate monthly payments on a house.
- Shows the total interest paid in the number of years entered and monthly payments.

- Used programming languages: Java, JavaFX.

Skills

Programming Languages: Java, C, Python, Swift, HTML, php.
Primary Skills : Java, JSP, Angular, NodeJS, Bootstrap, MongoDB, RestAPI,JIRA.
Extra skills: Spring boot, JUnit, Amazon Web Services.
Data & Miscellaneous skills: SQL, R, Advanced Statistics, Calculus, Python, Microsoft Office, GitHub.
Top Abilities: Openness to learn, Excellent communicational skills, Leadership, Time management.
Awards: Employee of the month(March 2018), Employee of the month(February 2019).
Languages: English (Fluent), Nepali (Fluent), Spanish (Basic)