Priyanka Gupta

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Work Experience

Full-Stack Developer

Bosch - Bengaluru, Karnataka
November 2018 to Present

I am a full-stack developer here with immense experience in Python and JavaScript frameworks. I have developed quite a few applications in Python and React.js. With smaller teams comes greater responsibilities and I have adhered to them quite well.
Along with these, I have also developed sole front-end with provided wireframe diagrams which involved direct communications with client for serving it better.

Full-stack Developer

Infosys - Bengaluru, Karnataka
May 2015 to November 2018

I have been responsible for designing wireframes, and developing applications with JavaScript framework of Angular.js and Python technology. I have learnt a lot here as a fresher and applied them in my current company of journey as well.

Education

B tech in Electrical & Electronics Engineering (7.6 CGP)

Kalinga Institute of Industrial Technology - Bengaluru, Karnataka
2011 to 2015

Higher Secondary(12th Pass) in Science (76.6%)

St. Karen's Senior Secondary School, Patna - Patna, Bihar
March 2009 to March 2010

Secondary(10th Pass) in Science (78.6%)

Patna Central School - Patna, Bihar
March 2007 to March 2008

Skills / IT Skills

- Front-End Technologies: React JS, Angular JS, Angular2+ , JavaScript, HTML/CSS (5 years)
- Back-End Technologies: Python, Fastapi, JWT token, Ldap Security integration (5 years)
- Databases: MySQL, MongoDB, Elastic Search (5 years)
- Version Control: Git, GitHub, Bit Bucket, Social Coding (5 years)

Awards / Achievements

Silver Award
September 2019

Designing & Developing the DataEngine UI in very short timespan

Certifications and Licenses

Problem Solving (Data structure and Algorithms)
December 2020 to Present

https://www.hackerrank.com/certificates/7b7d5737d089

Python
January 2021 to Present

https://www.hackerrank.com/certificates/ec9d549a161f

Projects / Papers Presented

OEM (EDMASK)
July 2020

This project was created from scratch, I developed this in React. This application was created to find problems and solutions of automobiles from outside Bosch automobiles mapped with internal errors, issues and solution. Team was of 3 people in which I was presented with developing frontend as well backend of the application, rest other members were assigned for algorithm development.
> For frontend I chose React.
> For backend I chose python and fast-Api framework.
> Two databases I used, elastic-search db for search and MySQL for exclusive data storage.
> Also I used, JWT token authentication and python-ldap for integrating with Bosch usernames

Text-Analytics
March 2020

This project was created from scratch, I developed this in React. Backend was pre-provided along with UX. This was a complete internal project for only Bosch employees. Over multiple range of data and categories is shown here in favor of employees

Data-Engine (Geo-Visualization)
August 2019

This project was created in React.js from scratch. I created this with open-street map-plugin. I received the above mentioned accolade for this project for doing this in less than a month. For automating cars, many videos are taken all over the world in various vegetation and climates. All these videos and photos are mapped over the plugin to see properly that where these videos are taken and how are these images interpreted by vehicle, also what was the expectation and fix the algorithm accordingly.

EBR-Finder
November 2019

I was given the responsibility to handle front-end and back-end. My work was extremely appreciated here. I developed this in Angular 6 while backend with python. This was a corpus graph project which included data manipulation and selection storage.

Mantra
December 2018

We created this project from scratch. I was given the responsibility to create POC of this project in 15 days in a Front-end team of 5 developers. Developed this in Angular JS.

Austria
February 2019

In an already existing project, I was given the responsibility of adding more than 30 features from front-end side, which was appreciated. Developed in Angular JS. This actually contains all the images taken for machine learning to automate the AI of cars.
How image will be interpreted by an A.I camera mounted over a car and how is it suppose to work with it. Backend in created with Python technology involving ML as well.

Corset
November 2018

This project was created from scratch. I am the only front-end engineer on team. This I, initially created in Angular JS, which later i myself recreated in React Frameowork. This application functions exact opposite to what above mentioned austria project works, which means it factorizes image interpretation algorithm for A.I. over how cars should actually interpret the images. For Backend we have used python technology in a backend team of 3 people where i was also given opportunity to create many rest apis.

IAP Analytics
September 2017

This project was created from scratch as and I was given the responsibility of developing Frontend in Angular JS and a bit of JAVA work as back end. However we created POC in Node.js. I worked in a team of 15 members.

Nia Automation
September 2015

I was given the responsibility of developing Front-end in Angular JS and back end in JAVA. As per client requirement we later migrated this in newest and fastest technology of React.js for Frontend and Python for Backend from scratch. I had worked intensively on both technologies in this project because of shortage of resources along with 5 others.

Grpah-Analytics
March 2016

This was a maintenance project handled by a team of 15 people. It was created using Python for Backend and React.js as Frontend. I was given the opportunity to handle few features in Frontend along with d3.js graphs, along with Backend.

Additional Information

I am an amazing coder and a hardworking resource. I am very skilled in my work and know how to handle pressure. In my free time I like to polish my skills with various coding challenges and certifications.