

KETAN BEDARKAR

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OBJECTIVE

Software Engineer with 3 years of experience, seeking full-time SDE roles.

EDUCATION

Master of Science in Computer Science, Rutgers University 2021 - Expected May 2023
Relevant Coursework: Algorithms, Databases, Data Mining/Storage, and AI.

Bachelor of Engineering in Computer Science, Pune University 2014 - 2018

SKILLS

Languages	Python, Java, JavaScript, C++, HTML, CSS, SQL
Frameworks	AngularJS, Spark, Spring MVC, Apache Maven, Spring Boot, Hibernate, React, REST, Django, Backbone
Databases	MSSQL, Oracle, Mongo, Amazon Redshift, JDBC, MongoDB, NoSQL
Other	AWS, Agile, Jenkins, Github, Tortoise SVN, Apache Tomcat

EXPERIENCE

Digital Associate (Internship) May 2022 - Dec 2022
PPG Industries *Pittsburgh, PA*

- Developed the design and backend for an app to search PDFs digitally using Python, MSSQL and AngularJS.
- Designed architecture for deploying chatbot as SaaS in existing MACH architecture.
- Researched and partially developed a visualization app to be deployed on Snapchat using pre-trained cascade classifiers in Python

Software Engineer Oct 2018 - Jul 2021
eQ Technologic *Pune, India*

- Developing a web application that migrated and transformed massive datasets across platforms like Databases, PLM Systems, and File Systems using Java, Spring MVC and JavaScript(Backbone, Kendo).
- Built a automated licence generation app that saved 7+ hours of manual administrative work per week
- Developed a mechanism for company product(eQube-MI) to communicate directly with a chatbot integrated with MS Skype, improving performance by 6.53%

PROJECTS

NBA Stats Evaluator Built an interactive analysis dashboard to evaluate basketball metrics by using ReactJS, Python, MySQL and Keras. Also, designed recommendation models to find the best fitting player for a certain team using regression, PCA and KNN. ([Try it here](#))

Kevin Bacon Game Developed a project using Apache Spark and Python to process a 6GB graph of actors and movies to simulate the Kevin Bacon game.

Twitter Feels Built a twitter sentiment analyser using Deep Learning Models of CNN and LSTM design, using Python, Pandas and Keras. ([Try it here](#))

Circle of Life Built a project using Python and AI algorithms like Hill Climbing and Simulated Annealing, to trace a particular path in the circular grid environment. ([Try it here](#))

Haunted Maze Built a project using Python and AI algorithms like Monte Carlo Simulation and Repeated A*, to trace a particular path in the maze environment. ([Try it here](#))