ABHINAV AGRAWAL

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EDUCATION

Northeastern University, Boston, MA   Sep 2018 - Dec 2020 (Expected)
Candidate for a Master of Science in Computer Science (3.8 GPA)
Related Courses: Algorithms, Database Systems, Managing Software Development

Manipal Institute of Technology, Manipal, India   Aug 2013 - May 2017
Bachelor's Degree in Information Technology
Related Courses: Object Oriented Programming, Data Structures, Algorithms, Advanced Java

TECHNICAL KNOWLEDGE

Languages:	Java, Python, JS, HTML5, CSS3, SQL, NoSQL, PHP, Bash, C++, LaTeX
Frameworks & Libraries:	Spring, Angular5, Bootstrap, ExpressJS, JQuery
Databases:	MySQL, MongoDB, MS SQL Server
Cloud & DevOps:	Google Cloud Platform, Git, Docker, Jenkins

WORK EXPERIENCE

BlackRock Services India Private Limited, Analyst, Gurgaon, India.   Aug 2017 - Apr 2018
- Engineered generic **Angular5** components and stylesheet to maintain same theme across all web-apps.
- Assisted in devising a microservices based **container-ready** platform to combine these apps as SPA.
- Set up a monorepo and enforced **GitFlow Workflow** to simplify release process for all app-owners.

BlackRock Services India Private Limited, Intern, Gurgaon, India.   Jan - Jul 2017
- Fixed all information security issues found across **Java, JS, JBoss and Apache Config** in web-apps.
- Liaised with teams across global offices to execute and deploy fixes; Conducted monthly con-calls.
- Conducted **Python** sessions to help team automate application health checks and maintenance.

College of Professional Studies, NEU, Lab Instructor, Boston, MA   Jan 2019 - Present
- Designing course material and conducting lab sessions to teach fundamentals of Web-Development.

PROJECTS & HACKATHONS

RollUp, YaleHacks 2018, New Haven, CT   Dec 2018
- Developed a **Text Summarization** engine to save time by providing a summary of Slack Channels.
- Implemented **Text-Rank** algorithm on **Django** server to extract the most relevant messages.

BookIt, Northeastern University, Boston, MA   Dec 2018
- Developed a ticket reservation system with **Node** server, Angular5 front-end and Google **Firebase**.
- Deployed the application using **TravisCI** for CI and **Github Pages** for CD.

CodeTrip, AngelHack 2016, Manipal, India.   Oct 2016
- Developed an **Angular 2** web-app with **GMaps JavaScript API** to help users plan a road trip.
- Used **ScikitLearn Model Evaluation API** to generate routes based on weighted factors.

The Book Hub (Pet Project), Manipal, India.   2014-2016
- Devised a web app on **LAMP** stack to facilitate lending and purchase of books on our college campus.
- Setup **Google Analytics** and optimized **SEO** to reach a peak rate of approx. 10,000 monthly visitors.
- Recruited and managed a team of 15 students to expand the website with a **Wordpress** blog.