BHAGYESH PRASHANT KURLEKAR

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EDUCATION

University of Georgia, Athens, GA   *Aug 2022 – Present*
 Master of Science; Major in Computer Science
 Coursework: Algorithms, Computer Networks, Software Engineering, Database Management Systems, Distributed
    Computing Systems, Trustworthy Machine Learning, Advance Topics in Distributed Systems

University of Mumbai, Mumbai   *Aug 2015 – May 2019*
 Bachelor of Engineering; Major in Computer Engineering | *GPA: 7.02/10*
 Coursework: OOP in Java, Data Structures, DBMS, Advanced Computer Networks, Web Technologies

TECHNICAL SKILLS

Languages:	Java, Python, JavaScript, C, C++, HTML, CSS
Frameworks and Technologies:	NodeJS, ReactJS, AngularJS, Django, Flask, REST API, Linux, MacOS, Git, AWS
Databases:	Relational Database System, MySQL, MongoDB, Postgres
Others:	Amazon Web Services, MS Office Tools, Data Structures and Algorithms

WORK EXPERIENCE

Software Development Engineer | *Searce Inc.* | *Pune, India*   *Feb 2021 – May 2022*
- Designed REST APIs for HappierWork: Created REST APIs using Python 2.7 and Google Cloud Datastore, enhancing system efficiency and reliability.
- Integrated Calendly APIs: Seamlessly incorporated Calendly APIs, reducing appointment scheduling time by 60%.
- Reduced Google API Coupling: Developed an abstraction layer, lowering system dependency on Google Cloud APIs by 40%, enhancing scalability.
- Built Google Extensions: Engineered Chrome extensions for LinkedIn data retrieval, increasing productivity by 25% in Google Meets Interview Process.
- AMP Integration: Implemented Accelerated Mobile Pages (AMP) framework, boosting user app interaction by 30%, improving user engagement.
- R&D Leadership: Led the Research and Development Team, resulting in 3 innovative solutions and a 20% increase in system performance.

Software Development Engineer | *Winvesta India Pvt. Ltd.* | *Mumbai, India*   *Aug 2019 – Sept 2020*
- Onboarding Compliance APIs: Created Onboarding APIs using Onfido, reducing onboarding time by 90% and making it completely digital.
- Market Data Efficiency: Improved Market Data APIs by 75% efficiency using Drivewealth and IEX Cloud APIs, resulting in significant cost savings.
- Banking Prototype: Developed 100% of backend APIs for a Banking Prototype using RailsBank APIs, accelerating product development by 30%.
- Full Stack App: Built Falcon, a ReactJS and Django Rest Framework app, reducing support ticket resolution time by 80%.
- AWS & DevOps: Managed AWS services (SQS, SNS, SES, S3) and contributed to DevOps, achieving 99.9% uptime.

PERSONAL PROJECTS

Cinema Booking Management System | *Django* | *Reactjs* | *SQLite* | *[Cinema Booking Management System]*
- Developed robust and efficient backend API's utilizing optimized SQLite database queries.
- Implemented token authentication to ensure 100% secure access to API's by authorized users only.
- Incorporated role-base access control to ensure proper access to the application without any privacy concerns.

Content Management System | *Django* | *SQLite* | *[Content Management System]*
- Developed backend API's utilizing Django Rest Framework and following principles of test-driven development.
- Implemented token-based authentication and role base access control for secure access to the API's.

INVOLVEMENTS

Graduate Teaching Assistant | Data Structures in Java | *University of Georgia* | *Athens, GA, USA* **Aug 2023 – Dec 2023**
- Assisted professor in preparing syllabus and instructed students for Data Structures in Java.
- Conducted hands-on sessions in implementations of various data structures, graded student's lab work and assignments alongside mentoring students for additional out-of-curriculum topics/

Student President & National Facilitator | *IUCEE* | *India*   *May 2016 – July 2019*
- Organized and facilitated workshops and conferences at Tier-2 engineering colleges and universities throughout India attended by more than 300 students at each workshop and was rewarded The Young Achiever's Award 2019.