

Purvi Misal

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Academic Qualifications

Year Completed	Degree/Examination	Board/University
2018	B.Tech (Computer Engineering)	College of Engineering, Pune
2014	Higher Secondary Exam (12 th Grade)	Board of Secondary Education (Gandhi Memorial International School, Jakarta)
2012	Matriculation Exam(10 th Grade), International Baccalaureate MYP	Board of Secondary Education (Gandhi Memorial International School, Jakarta)

Coursework

Design and Analysis of Algorithms, Graph Theory, Object Oriented Programming, Software Engineering, Operating Systems, Computer Networks, Computer Graphics, Data Structures & Algorithms, Computer Organization, Database Management System, Cryptography & Network Security, Web Programming, Natural Language Processing, Information Retrieval, Engineering Optimization.

Computer Skills

- **Programming Languages:** Python, C Sharp, Java
- **Modelling Languages:** UML.
- **Operating Systems:** Linux, Windows (7, 8, 10).
- **Databases:** MySQL, Oracle, SQL Server.
- **Applications:** Libre Office, Microsoft Office - Word, Excel, PowerPoint, Outlook, Access.
- **Web:** HTML, Web designing, CSS, D3, Tableau, JQuery, JavaScript, Angular JS
- **Frameworks:** .NET (with ASP.NET and VB.NET)
- **Versioning tools:** Git, Jira, svn
- **IDE:** Visual Studio, Visual Studio Code, Eclipse, PyCharm, NetBeans.

Employment

FinIQ Consulting India Pvt. Ltd.

July 2018 – July 2019

- As a Software Developer – Working in automating Pricing module for Foreign Exchange products and Document Generation for Bank of Singapore and United Overseas Bank (involving WCF Services, .NET Framework)
- Work included:
 - Development of ASPX controls
 - Fixing production issues faced by client in various modules of FX Cash product
 - Testing and deployment of code in SIT and UAT environment
 - Writing test plans and test cases for various modules of FX Cash product
 - Wrote code for automatic generation of SQL commands for metadata
 - Single-handedly developed 2-3 web pages that required writing SQL stored procedures or functions, WCF services and the web UI. (Using SQL, C Sharp, Vb.NET, ASP.NET)
 - Developed user friendly report generation tool for client's data using D3, JavaScript and ASP.NET
- Participated in a JavaScript hackathon with a team and won a prize money

Projects

- Effect of Different Garbage Collectors on the Performance of Java Applications requiring Throughput and Response Time
- Image Reader in Python to identify text on an image, parse it and read it out loud (Software Engineering Coursework)
- Web Crawler to crawl the web to browse or search for a query string (only collects links in files)
- Central Bank Interest Rate Prediction using machine learning models to predict interest rate and identify which model fits best (Final BTech project)

Extra-Curricular

- Head of Accounts team for college technical festival, MindSpark'2017
- Led a team of 10 volunteers and helped in successfully conducting the event Smart India Hackathon, 2017
- Volunteered in IEEE International Conference - Computing, Analytics and Security Trends' 2016
- Passed Elementary (Prarambhik) Classical Music Exam with distinction
- Volunteered as a caretaker in Jakarta Animal Aid Network
- Taught middle school level Math, Science and English to a class of 35 students in Yayasan Pendidikan Makna Bakti, Jakarta