Pavithra Vinay

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Professional Summary
- Highly motivated individual with a proven ability to generate results.
- Strong grasp of Object oriented programming concepts, algorithms & data structures, Databases, Web design & development, Design Patterns; Commended by professors for programming abilities and attention to detail.
- Proficient in front end web development using technologies including JavaScript, HTML, CSS3, Bootstrap using Node as server side technology.
- Worked as teaching assistant for courses Enterprise Web Applications, Object Oriented Analysis and Design, Software Project Management at Illinois Institute of Technology, Chicago IL.
- 4.2 years of Industry experience in Software Testing.

Education
Illinois Institute of Technology- Chicago, IL
Master of Computer Science, GPA – 4.0, January 2016 – December 2017
Visvesvaraya Technological University- Bangalore, India
Bachelor of Technology, Major in Computer Science, GPA – 3.71, 2006-2010

Technical Skills
- **Programming language:** Java, PHP, Python
- **Web Development Technologies:** HTML, CSS, JavaScript, Bootstrap, Node.js, Express.js, JSP, Swing, Spring, Servlets, Hibernate
- **Tools:** Eclipse, Microsoft Visual Studio, Maven, Quality Centre, Microsoft Project
- **Database:** MySQL, SQL Server, Oracle 11g, Mongo DB

Academic Projects
- **Database Organization** Chicago, IL– January 2016
  Developed a social networking site, which allowed interaction between students and faculty in an educational organization.
- **Object Oriented Design And Programming** Chicago, IL– May 2016
  Developed a desktop application to provide information about the products it carries to help customers make purchase decisions; handle customer registration, order processing and shipping.
- **Object Oriented Design Patterns** Chicago, IL– August 2016
  Designed and developed a Java Swing application to simulate animal racing following GOF Design Patterns.
- **Enterprise Web Applications** Chicago, IL– August 2016
  Used object oriented design principles and utilized MVC architecture to produce a Web Based Application that is flexible, extensible and reusable.
- **Software Modeling and Development with UML** Chicago, IL– January 2017
  Designed and developed Demographics dashboard that enables user to select required dataset and plot data in graphical format.
- **Software Systems Architecture** Chicago, IL– January 2017
  Used Model driven architecture to design and implement design patterns such as abstract factory, state and strategy to build a Gas Pump system.

Professional Experience
Cenduit India Services Pvt Ltd, Bangalore, India
  Software Test Engineer, August 2010- November 2012
  Experience in writing Test Scenarios, Test Cases, Defect Tracking, Report and Prioritizing the same.
  Involved in Smoke, Sanity, Integration, Functional, Regression and System Testing.

NextGen Healthcare, Bangalore, India
  Senior Software Engineer, November 2012- October 2014
  Expert in SDLC, STLC and Defect Life Cycle.
  Extensive experience in SCRUM process as part of agile methodology.
  Good knowledge of Database Testing using SQL