

Rushabh Patel, Software Engineer

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PROFESSIONAL SUMMARY

Rushabh Patel is an experienced software engineer proficient in Java, object-oriented programming, web development, and AWS cloud practitioner certified, with over 5 years of hands-on experience.

SKILLS

- AWS Technologies: cloud infrastructure setup and management, Lambda, data pipeline, IAM, EC2, S3, Lambda, and Cloud Watch.
- Programming Languages: C, C++, Java and Python
- Web Technologies: CSS, HTML, JavaScript and PHP
- Database Technologies: SQL and Mongo DB
- Tools: Agile/Scrum methodologies, SAP ERP, development lifecycle, and VS code.
- Technical Skills: Troubleshooting, assistance with hardware and software issues and Microsoft 365
- Soft skills: problem-solving, critical thinking, teamwork, communication skills, public speaking, and leadership.

WORK EXPERIENCE

Colourtex Industries Private Limited - Software Engineer, Dec 2020 - Mar 2022

- Development of a sticker printing system using ABAP to automated system integrated with scanners, reducing data entry time by 90%.
- Enhanced inventory accuracy by 20% and boosted production traceability by 30% through system optimization.
- Implemented a seamless tracking solution, resulting in a 25% reduction in material processing time.

Reliance Industries Limited - Internship, Jun 2019 - Aug 2019

- Developed a dynamic .NET web page with enhanced functionality, resulting in 40% higher user engagement and a 25% increase in page views.
- Leveraged innovative JavaScript, HTML, and CSS techniques for an intuitive user interface, earning a 90% user satisfaction rating and reducing the bounce rate by 15%.
- Crafted an advanced certificate generation algorithm, integrating iTextSharp for 25% faster certificate processing, saving 50 man-hours per month.

PROJECTS

E-commerce Website Project

- Developed responsive user interfaces using React, resulting in a 30% increase in user engagement.
- Implemented backend systems with Node.js, Express.js, and MongoDB, handling 1000+ number of concurrent users during peak traffic.
- Integrated Stripe API, reducing checkout process time by 5 seconds and boosting successful transactions by 15%.

Online Learning Platform Project

- Created interactive interfaces with React, leading to a 30%% improvement in course enrollment rates.
- Managed backend operations using Node.js/Django and databases, handling 5000+ amount of course content and user data efficiently.
- Integrated AWS S3 for video storage, resulting in 40% faster video loading times and improved user satisfaction.

Mass Emailing using AWS Lambda

- Automated email-sending process upon CSV file upload by integrating AWS Lambda with AWS S3, resulting in a notable 40% increase in email delivery efficiency.
- Optimized email delivery costs by 25% using AWS SES for email delivery, ensuring reliable delivery to recipients.
- Streamlined email processing time by 30% through seamless integration of AWS SNS for event-driven architecture with AWS Lambda.

EDUCATION

Northeastern University - Master of Science, Informatics, Sep 2022 - 2024, GPA 3.5/4

G.T.U - Bachelor of Engineering, Computer Science , Jun 2016 - Aug 2020, GPA 3.3/4



Northeastern University Registrar

Office of the University Registrar

230-271
360 Huntington Avenue
Boston, MA 02115-5000
email: transcripts@northeastern.edu

web: <http://www.northeastern.edu/registrar/>

Record of: Rushabh Manoj Patel NUID: 002784320
Issued To: RUSHABH PATEL
PATEL.RUSHABHM@NORTHEASTERN.ED
REFNUM:30969599

Primary Program
Master of Professional Studies
College : College of Professional Studies
Major : Informatics
Maj/Concentration : Cloud Computing App and Mgmt

Degree Awarded Master of Professional Studies 30-MAR-2024
Primary Degree
College : College of Professional Studies
Major : Informatics
Maj/Concentration : Cloud Computing App and Mgmt

SUBJ	NO.	COURSE TITLE	CRED GRD	PTS R
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INSTITUTION CREDIT:

Fall 2022 CPS Quarter
ITC 6000 Database Management Systems 3.00 A- 11.001
ITC 6010 IT Strategy and Governance 3.00 B- 8.001
ITC 6400 Foundations of Informatics 3.00 A- 11.001
Ehrs: 9.000 GPA-Hrs: 9.000 QPts: 30.003 GPA: 3.334

Winter 2023 CPS Quarter
ITC 6020 Info Sys Design and Developmnt 3.00 A- 11.001
ITC 6035 Info Tech Project Management 3.00 A- 11.001
ITC 6420 Intro Cloud Compute Apps/Mgmt 3.00 B+ 9.999
Ehrs: 9.000 GPA-Hrs: 9.000 QPts: 32.001 GPA: 3.556

Spring 2023 CPS Quarter
INT 6940 Experiential Network Projects 3.00 A- 11.001
ITC 6015 Enterprise Info Architecture 3.00 A 12.000

ITC 6450 Adv. Cloud Comp. Apps. Mgmt. 3.00 A- 11.001
Ehrs: 9.000 GPA-Hrs: 9.000 QPts: 34.002 GPA: 3.778

Fall 2023 CPS Quarter
ALY 6000 Introduction to Analytics 3.00 C+ 6.999
ITC 6460 Cloud Analytics 3.00 A 12.000
***** CONTINUED ON NEXT COLUMN *****

SUBJ	NO.	COURSE TITLE	CRED GRD	PTS R
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Institution Information continued:

ITC 6520 Network Protect & Cloud Sec 3.00 A 12.000
Ehrs: 9.000 GPA-Hrs: 9.000 QPts: 30.999 GPA: 3.444

Winter 2024 CPS Quarter

ALY 6130 Risk Management Analytics 3.00 B 9.000
ITC 6040 Informatics Capstone 3.00 A- 11.001
ITC 6355 Web App Design & Developmnt 3.00 A- 11.001
Ehrs: 9.000 GPA-Hrs: 9.000 QPts: 31.002 GPA: 3.445

***** TRANSCRIPT TOTALS *****

	Earned Hrs	GPA Hrs	Points	GPA
TOTAL INSTITUTION	45.000	45.000	158.007	3.511

TOTAL TRANSFER	0.000	0.000	0.000	0.000
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OVERALL	45.000	45.000	158.007	3.511
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***** END OF TRANSCRIPT *****

Rebecca Hunter Assoc VP & University Registrar

**Northeastern University, Office of the Registrar
271 Huntington Ave.
Boston, MA 02115**

SCALE OF GRADES AND COMMENTS TO ACCOMPANY TRANSCRIPTS

Effective Fall 2016: College of Professional Studies undergraduate programs converted from a quarter system to a semester system. For student records including hours earned prior to fall 2016, the credit hour conversion rate is as follows: QH x .75. For example a 4-credit quarter course is now equivalent to a 3-credit semester course.

Effective Fall 2009: Northeastern University converted its Student Information System. All courses and Programs were converted.

Northeastern University Course Numbering

UNDERGRADUATE

Orientation and Basic **0001-0999**
No degree credit

Introductory Level (First year) **1000-1999**

Survey, Foundation and Introductory courses normally with no prerequisites and designed primarily for students with no prior background

Intermediate Level **2000-2999**

(Sophomore/Junior year)

Normally designed for sophomores and above, but in some cases open to freshman majors in the department.

Upper Intermediate Level (Junior year) **3000-3999**

Designed primarily as courses for juniors. Pre-requisites are normally required and these courses are pre-requisites for advanced courses.

Advanced Level (Senior year) **4000-4999**

Designed primarily for juniors and seniors, or specialized courses. Includes research, capstone and thesis.

GRADUATE

Orientation and Basic **0001-0999**
No degree credit

1st level graduate **5000-5999**

Courses primarily for graduate students and qualified undergraduate students with permission

2nd level graduate **6000-6999**

Generally for Master's only and Clinical Doctorate

3rd level graduate **7000-7999**

Master's and Doctoral level classes. Includes Master's Thesis

Clinical/Research/Readings **8000-8999**

Includes Comprehensive Exam Preparation

Doctoral Research and Dissertation **9000-9999**

Northeastern University Grade Scale

Letter Grade	Numerical Equivalent	Explanation
A	4.0	Outstanding Achievement
A-	3.667	
B+	3.333	
B	3.0	Good Achievement
B-	2.667	
C+	2.333	
C	2.0	Satisfactory Achievement
C-	1.667	
D+	1.333	
D	1.0	Poor Achievement
D-	0.667	
F	0.0	Failure
I		Incomplete
IP		In Progress
NE		Not Enrolled
NG		Grade not reported by Faculty
S		Satisfactory (Pass/Fail basis; counts toward total degree requirements)
U		Unsatisfactory (Pass/Fail basis)
X		Incomplete (Pass/Fail basis)
L		Audit (no credit given)
T		Transfer
W		Course Withdrawal

Course Comments

E	Course excluded from GPA
HON	Honors level course
I	Course included in GPA

LAW SCHOOL

CR	Credit
F	Fail
H	Honors
HH	High Honors
I	Incomplete
MP	Marginal Pass
P	Pass

Earned Hours

Northeastern University offers both quarter hour and semester hour programs.

Quarter Hours to Semester Hours Conversion Rate: For student records including quarter hours, the approved semester hour conversion rate is as follows: QH x .75. For example a 4-credit quarter course is equivalent to 3 credit semester courses.